LOG BOOK.

VOYAGES OF THE

Ship William P. Frye. of Bath Me

COMMANDED BY

Captn James Murphy

WILLIAM H. SWAN,

DEALER IN

SHIP STORES AND SHIP CHANDLERY,

No. 32 SOUTH STREET,

NEW YORK.

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Journal from Newport News Va. towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 2nd day of Aug 1908
1									
2			W	N.N.W					Light- Northerly mist and rain
3									
4									
5			N.	W.N.W					Mist hauling to the Westward
6									
7									Wore ship at 6 am and set all sail
8									
9									
10									
11									Clear fine weather and smooth sea.
12									
1			N.W.by.N	W by S					
2									
3									Mist keeping very light-
4									
5									Lights pumps etc- attd.
9									Day ends almost calm
10			N.N.W	W.					
11									
12									This Log is kept in civil time

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 50 W	69	44'	52	49°-06	49°-11'	22° E	1°-11'	82°-56'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Mon 3rd day of August 1908
1									
2									Begins with- very light- winds
3			N.	N.N.W					
4									
5									Ships company employed at overhauling gear.
7									
8									
			N by E	N N by W					Mist hauling Northerly
11									
12									
1									
2									Wore ship at 4 P.M. N wind freshing up from the N.W
3			N.N.E	N.W					
5									
8									Fresh Northerly mist and misly rain
									Lights- pumps Etc- attd

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 34 E	71'	58'	40	48°-08'	48°-05'	22° E	56	82°-00'	82°-04'

Journal from Newport-News va towards San Francisco cali

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tues 4th day of Aug 1908
1									
2									Begins with fresh northerly mist and misty rain
3			N.E.N	N N					
4									All light-sails fast-
5									
6									
7									mid hauling westerly
8									now ship at 10 am
9									
10									Ships company employed at
11			N	N N.W					ships work in general.
12	82								
1									Moderating down to a light
2									air from the westward
3									
4	89								Heavy Southerly swell getting up
5									
6			N	N.N.W					keeping dull and overcast-
7									
8									
9									Lights pumps Etc- atted
10									
11									Day ends calm.
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 40 W	87	1=07	56	47=01	No Obs	21°	1°13'	83=13	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wed 8th day of August 1908
1									
2			NbyW	S.E					Begins with a calm
3									
4	6								Breezing up from the S.E.
5									
6									
7									mid hauling westerly. Light-
8	28								sails fast-
9									Ships company variously empld
10									
11			N.N.W	S.W					
12	40								Strong S.W winds and heavy
1									sea running
2									
3									
4	49								Moderating, Set Light-sails
5									
6			N.N.W	S.W					
7									Lights pumps Etc- atted
8	40								
9									
10									
11									Day ends with light breeze, hauling
12	38								gradually to the westward

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 54 W	53'	31	42	46=30	no obs	22	57	84=10	

Journal from Newport-News va towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thur 6th day of August 1908
1									
2									Begins with fresh westerly mists and heavy southerly swell.
3									
4	37		N.N.W	W					All sail set-
5									
6									
7									getting squally, mist unsteady
8	35		"	"					clear dry atmosphere.
9									
10									Ships company at work making
11									Rovings Bunt gaskets Etc-
12	39		N	W.N.W					
1									Freshening up to a Strong
2									Breeze with heavy squalls
3			"	"					
4	38								handled light-sails Fore and
5									Miz T.G.sails. Flying jib and
6			N	W.N.W					spanker.
7									
8									Took in Main Top Gallant sail
9									Lights pumps Etc- atted
10									
11									Set U.T.G. Sails flying jib &
12									spanker.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 12 W	21.3	3°26'	44	43=09	43°05'	20	1=10 E	83=00	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS August 7th day of 1908
1									
2			N.	W					Fresh mists & squally.
3									
4									Mid hauling Southerly
5									
6									Squalls taking off.
7									
8			N	W by W					
9									Set Royals.
10									
11									
12			NbyW	W by W					
1									Clear weather with Strong
2									S.W. mids
3									
4									
5									
6			N by W						All square sail set-
7									
8									
9									
10									Lights pumps Etc- atted.
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 3° E	289	3=06	19	39=58	40=00	20	25-	82°35'	

Journal from Newport News va towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sat 8th day of Aug 1908
1									
2			N.N.W	S.W					Strong S.W. winds and high swell,
3									
4									
5									
6									all possible sail set-
7									
8									
9									
10									Ships company employed
11									at overhauling gear,
12			N.N.W	S.W					
1									
2									
3									moderating somewhat
4									
5									
6									
7									Wind hauling Southerly
8			N.N.W	S					
9									
10									Lights pumps Etc attd
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	246	3° = 57'	70	36 = 01	36 = 05	18	1° = 35'	84 = 10	84 = 02

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 9 day of August 1908
1									
2									
3			N.N.W	S					Begins with fresh breeze moderating gradually.
4									
5									
6									
7									Wind hauling Easterly
8									
9									
10									
11									Wind & cloudy overcast
12			N.N.W	S.S.E					weather, high Southerly
1									swell running
2									
3									
4									
5									Latter part of day very
6									moderate
7									
8									
9									
10									Lights pumps Etc attd
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 14° W	197	3° = 11	49	32° = 50'	32° = 54	14°	1° = 00	85° = 10	85° = 15

Journal from Newport News va towards San Francisco cali

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Mon 10th day of August 1908
1									
2			N by W	S S.E					Begins with light Southerly
3									winds hauling gradually
4									to the eastward
5									
6									Ships company at work
7									bending fine weather sails
8									
9									
10									
11									
12			N by W	S.E					
1									Light S.E winds prevail
2									throughout the day.
3									
4									
5									
6									
7									Lights pumps Etc attd.
8			N by W	E.S.E					
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
North	110	1° 50'	00	31° 00'	31° 04'	14°	00	85° 10'	85° 12'

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tues 11th day of August 1908
1									
2									Light S.E winds fine clear
3			N by W	S.E					weather
4									
5									
6									Ships company employed
7									at shifting sails
8									
9									
10									
11									
12			N by W	S.E					Light winds and clear
1									weather throughout the
2									day
3									
4									
5									Breeze freshening up
6									
7									
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 2° W	135	2 = 13	25	28 = 47	28 = 50	13	= 30	85 50	85 = 40

Journal from Newport News va towards San Francisco

Wed 12th day of Aug 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N, N, W	S, E					Fresh S E winds and clear weather
3									
4									
5									
6									
7									
8									
9									Ships company at work overhauling rigging and reeving off fine weather running gear
10									
11									
12			N, N, W	S. E					
1									getting quite moderate
2									
3									
4									
5									
6									Lights pumps &c attd
7									
8									
9									Day ends moderate.
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 14 W	179	2=51	52	25=56	26°=00	12	1°=05'	86°=5.5'	87=00

Thur 13th day of August 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N by W	S					Light winds and clear.
3									
4									
5									
6									Ships company empld at Tarring down Rigging
7									
8									
9									
10									
11									
12			N. by. W	S.					Light Southerly winds throughout the day
1									
2									
3									
4									
5									
6									Towards midnight winds hauls more easterly
7									
8									
9									
10									Lights pumps &c attd
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 1 W	108	1=48	5'	24=08	24=12	-	5'	87°=00	

Journal from Newport-News towards Sanfrancisco

Fri 14 day of Aug 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Fresh S S E winds clears
3			N by W	S S, E					
4									
5									
6									Crew at work Blacking down Runners Ties & sheets
7									
8									
9									
10									
11									Apparently beginning of S E Trades
12			N, N, W	S E					
1									
2									
3									
4									
5									getting squally.
6									
7									
8									
9									Lights pumps &c attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16 W	135'	2=28	40	21°=40'	21=42		44	87=44	87°=40'

day of

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Begins squally. Fresh winds
3			N W by N	S E					
4									
5									
6									crew at work painting down masts.
7									
8									
9									
10									
11									Rain squalls.
12			N. W. by N	S E					
1									
2									
3									Wind keeping light & unsteady
4									
5									
6									
7									Lights pumps &c attd
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 41 W.	192	2°=35'	126	19=05'	19=10		2=16	90°=00	

Journal from Newport News via towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 16 day of Aug 1908
1									
2									Wind keeping light and unsteady
3									
4			NW by N	E					
5									
6									Sabbath day observed
7									
8									
9									Occasional rain showers.
10									
11									
12									
1			NW by N	E.					
2									Dies out calm at times
3									
4									
5									
6			"	"					Lights pumps Etc attd
7									
8									
9									
10									
11			"	"					
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 37 W.	138	1°50'	82	17°-15'	17°-18'		1-30	91-35	91-30

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Mon 17 day of Aug
1									
2			N.N.W	S.E					Lights pumps Etc attd
3									
4									
5									
6									Wind unsteady
7									
8			"	"					
9									
10									Rain squalls.
11			N.N.W	S.E					
12									
1									Freshening up somewhat.
2									
3									
4			"	"					Crew at work painting masts
5									
6									
7									Day ends squally
8									
9									
10			"	"					
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 13 W	124	2-00	28'	15°-15'	15°-15'		.30	92°-00	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tues 18 day of Aug 1908
1									
2			N.N.W	S.E					Begins with strong winds and Rainsqualls
3									
4									
5									
6									Crew at work overhauling Blocks and chipping Iron Rust.
7									
8									
9									
10									
11									
12			N.N.W	S.E					Very strong trades and a high sea running
1									
2									
3									
4									
5									
6									Lights pumps Etc attd.
7									
8									
9									Day ends with strong winds
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 35 W	202	2-45	115'	12-27	12°-30'		2-00	94°-04	94°-00

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wed 19 day of August 1908
1									
2			NW by N	S.E					Very strong winds and cloudy
3									
4									
5									
6									crew at work scrubbing paint-work.
7									
8									
9									
10									Beautiful Trade winds
11									
12			NW by N	S.E					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 44 W.	260	2-47	180	9°-40'	9-44		2°-45'	96°-45'	96-50

Journal from Newport News va towards San Francisco cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thur 20 day of Aug 1908
1									
2									Strong winds with rain squalls.
3			NW½N	S.E					
4									
5									
6									Crew at work scrubbing paint-work.
7			"	"					
8									
9									
10									
11									
12			NW½N	S.E					Cloudy. Strong winds and high sea running
1									
2									
3									
4									Carpenter at work overhauling Capstans.
5									
6			"	"					
7									
8									Day end more moderate
9									
10									
11			"	"					Lights Pumps Etc attd
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 44° W	227	2° = 43'	158'	6° = 57'	6° 53'		2° 40	99° 25'	

Journal from Newport News va towards San Francisco cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sat 22 day of August 1908
1									
2			NW½N	S.E					Cloudy and moderate
3									
4									
5									
6									
7									Crew at work Painting
8									
9									
10									
11									
12			NW½N	S.E					keeps rather moderate throughout the day
1									
2									
3									
4									
5									Lights Pumps Etc attd
6									
7									
8									
9									Day ends moderate.
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 46 W	156	1 = 48	112	3° 10'	3° 08'		1 = 52	103° 20'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Frid 21 day of August 1908
1									
2			NW½W	S.E					Wind light. cloudy atmosp - here
3									
4									
5									
6			"	"					Crew at work scrubbing paint-work. and trimming ship
7									
8									
9									
10									Carpenter at work over hauling capstans
11			NW½W	S.E					
12									
1									
2									Trades getting lighter
3									
4			"	"					
5									
6									Lights Pumps Etc attd.
7									
8									
9									
10			"	"					
11									Westerly current.
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob
N 45 W.	171	120	121	4° 37'	4° 55'		2 = 03	101° 28'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 23 day of August 1908
1									
2									Comes in moderate and clear,
3			NWbyN	S.E					
4									
5									
6									
7									Crew at work painting
8									
9									
10									
11									
12			NWbyN	S.E.					Clear and moderate.
1									
2									
3									
4									
5									Rain showers.
6									
7									
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 26° W.	138	2 = 04	60	1° 06'	1° 04'		1° 00'	104° 20'	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Mon 24 day of Aug 1908
1									
2									Light winds and cloudy
3			N.W.by.W	S.E					
4									
5									
6									Crew at work painting
7			"	"					
8									
9									
10									
11									Wind hauling Southerly.
12			W.N.W	S.S.E					
1									
2									Keeping cloudy
3									
4									
5									
6									Misty Rain
7			"	"					
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33° W	127'	106'	70	0°=40'S	0°=40'S	~~0°10'~~	~~1°=10'~~ 1°=30'	105°=30	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tues 25 day of Aug 1908
1									
2									Begins with misty rain
3			N.N.W	S					
4									
5									
6									clears up at 6 am.
7									Fresh southerly winds
8									
9									
10									Crew at work painting
11									
12			N.N.W	S					
1									
2									Breeze keeping Fresh -
3									
4									
5									
6									Lights pumps Etc attd
7									
8									
9									Day ends with strong winds
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 13° W	~~N~~ 175'	40	170	1°-20'	1°=23'		2°=50'	108°=20	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wed 26 day of Aug 1908
1									
2									Begins with fresh S.E winds and misty rain
3			W.N.W	S.S.E					
4									
5									
6									
7									Crew at work cleaning out under Forecastle head.
8									
9									
10									
11									
12									Clears up fine.
1									
2			W.N.W	S.S.E					Started painting
3									
4									
5									
6									Westerly current.
7									
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 75° W	N 28	1°=10'	270	2=30	2=25'		4°=30'	112°=50'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thurs 27 day of August 1908
1									
2									Fresh. Southerly winds
3			W.N.W	S.S.E					
4									
5									Crew at work painting
6									
7									
8			"	"					
9									wind hauling to the
10									westward gradually.
11									
12			W.N.W	S.S.E					
1									
2									
3									
4									Moderating
5									
6			"	"					
7									Lights pumps Etc attd.
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 68° W	232	1°25'	215'	3°55'	3°52'		3°35'	116°25'	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Fri 28 day of August
2									Light Southerly winds
3									
4			NNW by W	S.					
5									
6									
7									Crew at work painting
8									
9			"	"					
10									
11									Carpenter at work
12									putting rivetts in Half
1									deck Bulworks.
2			NNW by W	S.					
3									
4									
5									Cloudy
6									sighted a Bytn Bound
7									South -
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 60 W	191'	1°-35'	165'	5°-30'	5°-35'		2°-45'	119°-10'	119°-12'

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Sat 29 day of August
2									Fresh S. W winds
3									
4			N, W	S.W					
5									Crew at work hauling
6									
7									
8									
9									
10									getting cloudy
11									
12			NW	S.W					
1									
2									
3									Heavy rain squally
4									handled light sails
5									
6									
7									Lights pumps Etc attd
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 48 W	164'	2°-05'	110	7°-35'	7°-36'		1°-50'	121°-05'	

Journal from Newport-News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Sun 30 day of Aug 1908
2									Light-winds
3									
4			N.N.W	S.W					
5									and Rain squalls.
6									
7									
8									
9									
10									clearing up
11									
12									
1			N.N.W	S.					Sabbath day observed,
2									
3									
4									
5									Wind unsteady
6									
7									
8									
9									Lights pumps Etc attd
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 25 W.	124	1°-52'	53'	9-28	9-20		54	120°-54'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Mon 31 day of Aug 1908
2									Light baffling winds
3									and rain
4			N.N.W	S.W					
5									Tacked ship at 6-am
6			N by W	S.E					
7									Crew at work cleaning
8									out Half deck, and
9									Store rooms.
10									
11									
12									
1									Carpenter and two men
2			N by W.	S.					at work cleaning
3									out water tanks
4									
5									
6									Lights Pumps Etc attd
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 26 W.	125'	1°-52'	56	11-20	11-24		57	122-51	

Journal from Newport News towards San Francisco

Tues 2 day of Sept 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Light baffling winds
3			N.N.by W. ½ W.						
4									
5									
6									Comes out from the eastward
7									
8									
9									Crew at work cleaning out Lockers and chipping windlass
10									
11									
12									
1									
2			N.W.by W. N.E.						
3									
4									Heavy rain
5									
6									
7									Lights Pumps Etc alld.
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 43 W.	98	1=11	66.	12=31	Noobs.		1=08	123=59	

Wed 2 day of Sept 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Fresh winds
3			N.W.by W.	N.E.					
4									
5									Ships company variously employed.
6									
7									
8									
9									
10									Carpenter at work Cementing Half deck waterways.
11									
12									
1			N.N.by W.	N.E.					
2									
3									
4									
5									Lights Pumps Etc alld
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 47 W.	161	1=49	117	14=20	14° = 15'		2=01	125°=00	

Journal from Newport News towards San Francisco

Thurs 3 day of Sept 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Fresh winds and clear
3			N.W.by W. N.E.						
4									
5									
6									Crew at work chipping Hatch coamings and cleaning midlse.
7									
8									
9									
10									
11									
12			N.W.by W. N.E.						
1									
2									Fine and clear throughout the day.
3									
4									
5									
6									
7									Lights Pumps Etc alld.
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33 W.	133	1=51	72'	16=06	16°=06'		1=14	126=14	

Fri'd 4 day of aug 1908

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2									Fresh steady Trades.
3			N.N.by W.	N.E.					
4									
5									
6									
7									Crew at work Holystoning Poop deck.
8									
9									
10									
11									
12									Schr in sight bound North.
1			N.N.W.	N.E.					
2									
3									
4									
5									Lights Pumps Etc alld
6									
7									
8									
9									May end fine
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11 W.	124	2=01	24	18=07	18=09		25'	126=39	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sat. 5 day of Sept 1908
1									
2									Fresh winds Clear.
3			N.N.W	N.E					
4									
5									Crew at work Holystoning poop deck
6									
7									
8									
9									Spoke Schr Sussie Plummer from Callao for Fraser River reported all well,
10									
11									
12									
1			N.N.W	N.E					
2									Moderating
3									
4									
5									
6									
7									Lights Pumps Etc alld,
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 29 W	147'	2°07'	71'	20=14	20=16		1=15	127=34	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 6 day of Sept 1908
1									
2									Moderate. Smooth & clear
3			N. W	N.N.E					
4									
5									
6									Sabbath-day observed
7									
8									
9									
10									
11									
12									
1			N. W	N.N.E					Breezing up some what
2									
3									
4									
5									
6									Lights pumps Etc alld.
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 42 W	143	1=46	95		22°00		1°42	129=42	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 7 day of Sept 1908
1									
2									Fresh winds & cloudy
3									
4			N by W, N N E						
5									
6									Crew at work scrubbing decks.
7									
8									
9									
10									
11									Light Rain showers.
12									
1									
2			N.N.W	N E					
3									
4									Breezing up, Fresh, handled light sails
5									
6									
7									
8									
9									Lights Pumps Etc alld
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33 W	114'	1=35'	62	23=35'	23=36		1=07	130=49	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tues 8 day of Sept 1908.
1									
2									Strong winds & cloudy
3			N.N.W	N E					
4									
5									Set Royals at 5 am.
6									
7									
8									
9									Keeping cloudy with light rain squalls
10									
11									
12									
1			N by W	N E					
2									Crew scrubbing decks.
3									
4									
5									Lights pumps Etc alld
6									
7			N.N.W	N E					
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22 W	174	2°41	65'	26=13	26=16		1°12'	132°01	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wed 9 day of Sept 1908
1									
2									Fresh winds, cloudy
3			N by W	NE by E					
4									
5									
6									
7									Crew scrubbing decks.
8									
9									
10									
11									Moderating, and
12			N N W	N E					mid haul Dig Northerly.
1									
2									
3									
4									
5									Rain showers
6									
7									
8			N W by N	N E by N.					Lights pumps &c attd.
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27 W.	141	2°-05'	64	28°-18'	28°-22'		1-12	133°-13'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thur 10 day of Sept 1908
1									
2			N. W. by N. N E by N.						Fresh winds cloudy
3									
4									
5									
6									Crew holystoning Halfdeck
7			"	"					
8									
9									
10									Keeping cloudy.
11									
12			N W by W	N E by N.					
1									Rain Squalls. mid unsteady
2									
3									
4									
5									
6									Lights pumps &c attd
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 35° W.	138	2-09	91	30-27	30°-25'		1-44	134°-57'	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Frid 11 day of Sept 1908
1									
2									Light baffling winds
3									
4			N. W.	N N E					
5									
6									Crew at work oiling
7									decks.
8									
9									
10									
11									
12									Almost calm
1			N. W.	N. N. E.					
2									
3									
4									
5									Latter part of day calm
6									
7									
8									
9									
10									Lights pumps &c attd.
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 47 W.	125	1-23'	91°	31°-52'	31°-48'		1°-46'	136°-43'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sat 12 day of Sept 1908.
1									
2									Begins calm to
3									Light Northerly airs
4			N N W	N					
5			N E	N N W					Tacked ship at 5 am.
6									
7									
8									Crew at work cleaning
9									Brass work and
10									varnishing Bright-
11									work
12									
1									
2			N. E	N. N. W					mid keeping light-
3									
4									
5									
6									
7									Lights Pumps &c attd.
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
				32-00	32-01			137-08	

Journal from Newport News ca towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 13 day of Sept 1908
1									
2									Light Baffling winds
3									
4			NNE	N					
5									Sabbath day observed.
6									
7									
8			N,W	NNE					
9									Tacked ship at 8 am and
10									again at noon.
11									
12									
1			NE	N,N,W					
2									Keeping very moderate.
3									
4									
5									
6									Lights pumps Etc called.
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N26E	61	29	51	32°-30'	32-28		58'	136-02	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Mon 14 day of Sept 1908
1									
2									Light Northerly winds
3									
4			NEbyE	N					
5									
6									Crew at work cleaning Brass
7									work and painting water
8									ways
9									
10									
11									Breezing up from the N,W
12									
1									
2			NEbyE	N.					
3									
4									Lights pumps Etc-attd.
5									
6									
7									
8									Calm.
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 36 E	36	4	35	32-34	32-34		38.	136-40	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tues 15 day of Sept 1908
1									
2									Begins calm breezing
3									up to a strong breeze,
4									
5			NEbyE	N					handled light sails
6									
7									
8									Crew at work scrubbing
9									paintwork.
10									
11									
12									
1									Strong winds and
2			NEbyE	N,					choppy sea.
3									
4									
5									
6									Moderating
7									
8									
9									Lights pumps Etc called
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 61 E	173	26.	168	33-00	32-39		3°-00'	133°-40'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wed 16 day of Sept 1908
1									
2									Fresh winds
3			NEbyE	N					
4									
5									Ships company variously
6									employed.
7									
8									Tacked ship at 8 am
9			N,W	NNE					
10									
11									
12									Filled coal lockers.
1									
2									
3									
4									Lights pumps Etc-attd
5									
6			N,W	N,N,E					
7									
8									Day ends moderate.
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
East	101	—	101	33°-00	33°-02'		2°-00'	131-40	

Journal from Newport news towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thur 17 day of Sept 1908
1									
2									Calm & Light Northerly airs
3			N,E	N,N,W					
4									
5									Ships company at work cleaning out Forecastle,
6									
7									
8									
9									Hove Up at 6 am,
10									
11									
12			N	W,N,W					
1									Light N,W, mists
2									
3									
4									Freshning upsome what.
5									
6									
7									Lights pumps Etc-atted
8									
9									
10									Day ends with Light mists and misly rain
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
				32°-50'	32-50			132°-20'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Fri 18 day of Sept 1908
1									
2									Begins with light mists
3									
4			N,N,E	N W,					
5									Misty rain,
6									
7									
8									
9									Beat on cables and rigged up davits
10									
11									
12									
1									Keeping very moderate,
2			N,N,E	N,W					
3									
4									
5									Freezing up somewhat
6									
7									
8									
9									Lights pumps Etc-atted
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
		1°-10'	27'	31-02	31-00		30	131°-50'	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sat 19 day of Sept 1908
1									
2									Moderate to light mists
3			N E	N N W					
4									
5									Ships company variously employed.
6									
7									
8									
9			"	"					
10									
11									Misly rain
12									
1									
2									
3									Freshning up.
4			"	"					
5									
6									
7									Lights pumps Etc-atted
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 68 E	138	50	126	35°-50'	35-52		2-46	129°-04'	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 20 day of Sept-
1									
2									Strong mists. Squally handled light sails
3			N,E	N,N,W					
4									
5									Set light sails again
6									
7									
8									heavy Northerly swell.
9									
10									
11									Sabbath day observed.
12			N E	N N,W					
1									
2									
3									
4									
5									Foggy with fresh mists
6									
7									
8									
9									Lights pumps Etc-atted
10									
11									Fog horn kept going
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 65 E	159	1-08	~~144~~ 144	36°-58'	37-06		3-00	126-04	

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Mon 21 day of Sept 1908
1									
2									Light winds and Foggy.
3			NEby E	Nby W					
4									
5									Almost calm
6									
7									
8									Ships company at work cleaning paint work
9									
10									
11									
12			NE	NNW.					
1									Put Anchors on the Bow.
2									
3									
4									Thick of fog. Steam kept going
5									
6									Noon ship at 6 pm picked up a Steam whistle took it be Farellones. Bearing NEby W.
7			SWby W.						
8									
9									
10									Light Northerly airs
11									
12									Lights fog horn pumps Look out &c

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 80 E	105	20	103	37°-18'	noobs		2°-09'	123-56	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tues 22 day of Sept 1908
1									
2									Thick of fog and almost calm
3			S, W	S, W					
4									
5									
6									Several Fog Horns and steam whistles around
7			S E by S	S W					
8									Crew variously employed.
9									
10									Lead line kept going
11									
12									
1									
2			S E by S	S, W					mid watch steady keeping check.
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Newport News towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wed 23 day of Sept 1908
1									
2									Begins foggy with light winds
3									
4									Clears up at 6 am
5									
6									gave tow Boat our hawser
7									at 7 am engaged
8									pilot at 8 am
9									cleared up all sails
10									came to anchor at 9.30
11									am 45 fms cable on
12									port anchor
1									Unbent all sails and
2									put them away.
3									
4									12 Seamen & Bo. came aboard
5									ashore at 6 Pm
6									
7									Pilot ends the passage
8									from Newport News 142 days
9									
10									Anchor watch and
11									riding lights attd.
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Thur 24 day of Sept 1908
1									
2									Begins Fine with fresh N.W. winds. Ships
3									company at work fagging up running gear and
4									getting ships ready for docking. at 6 P.M 2nd
5									mate and four men went ashore. Anchor watch
6									and riding lights attd.
7									
8									Friday 25th Sept 1908
9									
10									Comes in Fine ships company at work
11									getting up mooring lines. filled fresh water
12									tanks. Two towboats came to dock us at 2.30
1									Docked at California Point N. C. Dd. at 5 Pm
2									All hands went ashore except Sailmaker. Boy
3									and two men. Ships duties attd.
4									Draft 23.2 A. 22.8th E, Kel
5									Sat. 26th Sept 1908. 22.2 For
6									
7									Comes in Fine, was obliged to come up all fore
8									and aft stays on jigger mast to get the hoisting
9									apparatus to work in after Hatch ship all ready at 8am
10									but no coal was discharged through some trouble on
11									the dock, ships duties attd.
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Port of San Francisco towards _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sun 27 day of Sept 1908
1									
2									Begins Fine fresh Westerly winds Sabbath day observed ships duties attd.
3									
4									
5									Monday 29th Sept 1908
6									
7									Clear moderate weather. Stevedores began
8									discharging cargo from No 4 hatch ships
9									company variously employed. Ships duties
10									attd / discharged Tons
11									
12									Tuesday 29th Sept 1908
1									
2									Clear and moderate. Stevedores discha
3									rging cargo. Came up Main Topmast Stays
4									ships company at work scrubbing ship out
5									side and chipping iron rust ships duties
6									attd Discharged / Tons.
7									
8									Wednesday 30th Sept 1908
9									strong N.W. winds crew chipping iron rust.
10									stevedores discharging cargo the after noon all
11									hands went to the City to be paid off. discharged
12									Tons.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thurs 1st day of Oct 1908
1									
2									Clear moderate weather. Crew at work
3									chipping iron Rust Stevedores shifted into
4									No 2 hatch at 8 am. discharging cargo
5									all day Ships duties attd discharged Tons.
6									
7									Friday 2nd October 1908
8									
9									Strong Westerly winds Stevedores discharging
10									cargo ships company chipping iron rust and /
11									painting. Ships duties attd.
12									
1									
2									Saturday 3rd Oct 1908
3									
4									Moderate and clear Stevedores at work
5									discharging cargo crew scrubbing ship outsides
6									and painting ships duties attd.
7									
8									Sunday 4th Oct 1908
9									
10									Begins foggy clears up at 9. am
11									Sabbath day observed ships duties attd.
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from _____ towards _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port of San Francisco towards lying at California City

day of 1st Day

Ships draft F. 8ft 10in
A 12ft 11in

Extra Labor Tuesday 5 to 10 P.M. 2 men

Tuesday 13th day Oct 1908

Discharged 139 Tons Coal

Day sets in fine & clear & ends same

Sailmaker & 4 of crew employed cleaning hold
stevedors knocked off at 4 PM

Extra Labor 2 men putting on Butts & caps and ships draft stoped at 8.30 PM

Mate joined ship today. Bar. 30.00

Wensday 14th Oct 1908 Ships draft F. 8ft 9 in

Discharged 305 Tons Coal A. 11ft 2 in

Day starts in with heavy mist & rain

Extra Labor 1 Hour each } glass falling heavy rain & windy throughout the day

2 men - 12-to-1 = } 3 men 5 to 10 P.M. 5 Hours each

Sailmaker & 4 men employed setting up fore & aft stays & moving boats

1 of the crew knocked off. Bar. 29.82

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

day of

Ships draft F. 10ft 5 in
A. 9ft 6 in

Thursday 15th Oct 1908

Discharged 308 Tons Coal

Bar. 29.84

Day begins with light rain afterward cleaning & fine

Sailmaker & 3 men painting yards.

(3 men of above) Ballast came along side at 8 AM taking in 350 Tons Ballast finished at 4.45 P.M

Extra Labor 3 men 5 to 10 P.M.

Friday 16th Oct 1908

Ships draft F. 10ft 2 in
A. 7ft 1 in

Finished discharging Coal at 4.30 P.M

Sailmaker & 3 men painting yards Bar. 29.86

Day begins fine & ends same

Extra Labor 1 man = 12-to-1 = 3 men 5-to-11 P.M

Course	Distance	Diff. of Lat.	Departure	Lat. by B. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Laid up at Sausalita towards

day of 5th Day

Oct 17th 1908

Left California City Point at 6 o'clock anchored in Sausalita at 7.30 AM towed into the mud all ship would take was 10 fathoms chain moderate breeze NW at night strong NW ship taking chain gave her 35 fathoms
Sailmaker and 3 men variously employed.
Ships duties attended to. Bar. 29.86
Fine throughout the day.

Oct. 18/08

Sunday

Let 1 men of the crew take a ship ashore Bar. 29.98
Ships duties attended to.
all well on board.
Strong breeze in fore-noon later moderate breeze & fine

Oct 19/08

Monday. Day sets in with strong West wind & rain Bar. 29.92
Gust fell overboard at midnight (drunk) results from being ashore laid up all day
Sailmaker + 2 men employed washing decks.
Ships duties attended to.
Latter part of this day ends light NW and fine

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

day of

Oct 20th Tuesday

Day sets in fine and moderate NW breeze latter ending fresh NW with falling Bar. 29.88

350 Tons Ballast came along side at noon finished at 4.30 PM

Let Cook go ashore

(at high water) Ships draft. Draft. water
F 10-4 = 9-6
A 9-9 = 9-10

Sailmaker + 3 men painting yards.
Ships duties attended to.
all well on board. at low water 8ft F+A

Oct 21st Wensday.

Sailmaker & 3 men employed washing decks setting up mizzen topmast stays & painting yards.
Day sets in with fresh NW wind & fine noon light S.E. & fine night. light SW & fine Bar. 29.92
Ships duties attended to.
all well on board.

Oct 22nd Thursday

Sailmaker + 3 men employed getting up all Beef + Pork which was Beef 8 old 1 to be repickled
Pork 8 New 9

Day begins with fine light North wind
Ends same
Ships duties attended to.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from towards

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from towards

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Lying up at ~~towards~~ Sausalita Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS 11th day of Day
1			Oct 23d	Friday					
2				Sailmaker + 3 men variously employed					
3									
4				Day begins fine + calm & ends same Bar 29.88					
5									
6				Ships duties attended to.					
7				all well on board					
8				Cook came back last night.					
9									
10			Oct 24th	Saturday.					
11									
12				Sailmaker + Steward went ashore					
1									
2				3 men variously employed					
3									
4				Day begins fine + calm ends same					
5				Bar falling 29.86					
6									
7				all well on board					
8									
9			Oct 25th						
10			Sunday	all well on board ships duties attend					
11				Day begins fine + calm ends same Bar. 29.86					
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1			Oct 26th	Monday					
2				Sailmaker sick					
3				3 men cleaning ships side				Bar	
4				Fine & calm throughout the day				29.88	
5				Ships duties attended to.					
6			Oct 27th	Tuesday					
7				Sailmaker sick					
8				3 men cleaning ship side					
9				Fine throughout the day				Bar 29.90	
10				Ships duties attd. to					
11									
12			Oct 28th	Wensday					
1				Sailmaker & 3 men employed cleaning ships side					
2				Cloudy & Foggy first part of day					
3				Latter part overcast & fine Bar 29.96					
4				Ships duties attd to.					
5									
6			Oct 29th	Thursday					
7				Sailmaker & 3 men cleaning ships side					
8				till 3 P.M. Rain					
9				Cloudy & Rainy & strong S S W. wind Bar. 29.90					
10				Ships duties attd to.					
11				all well on board.					
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Laid up at ~~towards~~ Sausalita Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS 18th day of Day.
1			Oct 30	Friday					
2				Day begins with rain + light fog + light S W wind					
3				latter part clearing + moderate S W wind					
4				ending fine + clear mod. west wind					
5				Sailmaker + 2 men employed cleaning hold					
6				& painting Main lower gallant + Upper gal yards					
7				Gustave on sick list.					
8				Ships duties attd. Bar. 30.20					
9			Oct 31	Saturday					
10				Day begins with light North wind + fog latter					
11				part clearing + fine wind North					
12									
1				Sailmaker + 3 men cleaning hold &					
2				ships side Cook left ship					
3				all well on board Bar 30.10					
4				Ships duties attd					
5			Nov 1st	Sunday					
6				Day begins fine + light N W airs Bar. 30.00					
7				all well on board					
8				Ships duties attd					
9									
10			Nov 2nd	Monday					
11			Ships duties attd	Day begins with light Northerly airs + thick fog					
12			Bar 30.20.	latter part + ending fine + clear North wind					
				Sailmaker & 3 men employed cleaning hold + Ships side all well on board					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1			Nov 3d	Tuesday.					
2				Day begins fine + light Northerly airs & ends					
3				Calm Bar. 29.92					
4				Sailmaker + 3 men employed cleaning ships side					
5				Received + New Oil Tanks, bottom of the					
6				old one all eat away with rust.					
7				Ships duties attd. to.					
8				all well on board					
9			Nov 4th	Wensday.					
10				Day begins fine + calm latter part					
11				ending Mod N W wind gonk with snow					
12									
1				Sailmaker + 3 men employed cleaning ships side					
2				Ships duties attd to					
3				all well on board					
4				Bar. 29.96.					
5			Nov 5th	Thursday					
6				Day begins overcast + fog light West wind					
7				ending fine + clear light N W "					
8				Sailmaker + 3 men employed					
9				cleaning ships side					
10				Bar. 30.00					
11				Ships duties attd to.					
12				all well on board.					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Taid up at towards Sausalito Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Nov 6th 1908	Friday						
2			Day	begins fine & light fog & light Northerly airs						
3				Sailmaker & 3 men cleaning ships side						
4				Ships duties attd to						
5										
6				all well on board						
7				Bar 29.98						
8			Nov 7th 1908	Saturday						
9			Day begins with heavy fog & calm throughout							
10			the day							
11			3 Crew & Sailmaker employed							
12			cleaning ships side					Bar 30.00		
1			ships duties attd to							
2			all well on board							
3			Nov 8th	Sunday						
4			Day begins with fog & latter clearing							
5			moderate S W wind							
6			Ships duties attd							
7			all well on board.							
8			Bar 29.92							
9			Nov 9th	Monday						
10			Day begins fine & moderate S S W wind.							
11			Sailmaker & 3 men employed painting							
12			ships side					Bar. 29.94		
			Ships duties attd to.							
			all well on board							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Nov 10th	Tuesday						
2			Sailmaker & 3 men painting ships side							
3			Day begins fine & overcast wind moderate							
4			N N W					Bar 29.88		
5			Ships duties attd to.							
6			all well on board.							
7			Nov 11th	Wenesday						
8			Sailmaker & 3 men painting ship side							
9			Fine with light fog in fore-noon latter part							
10			clear & fine light N E & W airs					Bar 30.00		
11			Ships duties attd to							
12			all well on board							
1			Nov 12th	Thursday						
2			Sailmaker & 3 men painting ships side							
3			Fine throughout the day							
4			Light N W wind					Bar 31.00		
5			Ships duties attd to							
6			all well on board.							
7			Nov 13th	Friday.						
8										
9			Sailmaker & 3 men painting ship side							
10			Fine with light fog & light N W airs							
11			Ships duties attd to.					Bar 31.90		
12			all well on board							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Taid up at Sausalito towards Gal. U S A.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Saturday	14th 08						
2			Sailmaker & 3 men painting ship side							
3			Fine	throughout the Day				Bar. 31.20		
4			Moderate N W wind.							
5			Ships duties attd to.							
6			all OK on board							
7			Sunday 15/08							
8			all OK. on board.					Fine throughout. day		
9			ships duties attd to.					Bar. 30.80		
10										
11			Monday 16th							
12			Sailmaker & 3 men painting ship side							
1			Fine & light fog Northerly airs.					Bar. 31.20		
2			Ships duties attd to.							
3			all well on board.							
4			Tuesday 17th							
5			Sailmaker & 2 men painting ship side							
6			Thick fog till noon & light Northerly airs							
7			latter part clearing light. N N E							
8			Ships duties attd to.							
9			Received Band for Main Lower gal. yard. Repaired							
10			3 Lower gall yard truss pins & 2 Lower topsail							
11			yards truss pins					Bar 31.00		
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Wensday 18th 1908							
2			Thick heavy fog throughout day					Bar 31.60		
3			Employed putting in Truss Pins in							
4			3 Lower gall. yards. Band on Main Lower gal yard							
5			& Truss Pins in Fore Lower topsail yard							
6			& finished painting ship							
7			Ships duties attd to.							
8			Thursday 19th							
9			Heavy fog in forenoon clearing later							
10			Employed painting skuppers & figures							
11			on stem & stern							
12			Moderate N W wind & Bar 30.80							
1			Ships duties attd							
2			all well on board							
3			Friday 20th							
4			Heavy mist & rain throughout entire day							
5			fresh S W wind Bar 30.00							
6			Employed cleaning ships hold							
7			Ships duties attd							
8			all well on board							
9			Saturday 21st							
10			Very low tide ship in					Misty & light rain showers fresh S W wind		
11			Mud draft. 6½ ft. F					Employed cleaning ships hold		Bar 29.90
12			6½ ft. A					Ships duties attd.		all OK on board

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Laid up at ~~towards~~ Sausalita Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Sunday 22nd						1908	
2									Fine throughout entire day Bar 29.96	
3									all well on board	
4									ships duties attd to.	
5			Monday 23d							
6									Light rain showers first part & light SW wind	
7			Employed						latter part clear & Moderate NW wind	
8			ships cleaning hold						ships duties attd to. Bar 30.00	
9									Carpenter joined ship.	
10									all well on board	
11			Tuesday 24th							
12									Mod & clear NW throughout day Bar	
1									Employed cleaning ships Hold 29.98	
2									ships duties attd to.	
3									all well on board	
4			Wensday 25th							
5									Strong South wind with heavy rain latter	
6									changing to NW thence to NNE strong	
7									cloudy & rain Bar 29.78 bar rising	
8									Employed cleaning hold	
9									ships duties attd to.	
10									all well on board.	
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Thursday 26th							
2									Fine & very light Northerly airs latter becoming	
3									calm Bar 29.96	
4									Crew employed cleaning ships hold	
5									Ships duties attd to	
6									all well on board	
7			Friday 27th						Fine throughout the day	
8									crew employed cleaning ships hold	
9									Ships duties attd to. Bar 30.10	
10									all well on board	
11			Saturday 28th							
12									Fine throughout the day Moderate North wind	
1									Employed cleaning ships hold	
2									Ships duties attd to Bar 30.12	
3									all well on board	
4			Sunday 29th							
5									Fine weather with light NW wind	
6									Ships duties attd to	
7									all well on board Bar 30.04	
8			Monday 30th							
9									Fine weather with light North wind & overcast	
10			Crew joined ship						Crew employed cleaning ships hold and scrubbing out	
11									side ship. Ships duties attd to Bar 29.90	
12									all well on board	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Laid up at ~~towards~~ Sausalita Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Tuesday	1st day Dec		1908				
2				Bagged up					Overcast and fine, light rain towards sunset	
3				1 1/2 tracks Coal					Employed cleaning ships hold Bar 29.86	
4									Ships duties attd to.	
5									all well on board	
6			Wensday	2nd Dec						
7									Cloudy and light rain throughout the day with	
8									moderate NNE wind Bar 29.90	
9									Employed cleaning hold	
10									ships duties attd to	
11									all OK on board	
12			Thursday	3d Dec						
1									Overcast & fine light South wind	
2									Employed cleaning hold	
3									ships duties attd to Bar 29.88	
4									all well on board	
5			Friday	4th Dec						
6									Strong South wind with heavy rain showers	
7									latter clearing with NW wind strong	
8									cleaning hold Bar 29.78	
9									ships duties attd to	
10									All well on board	
11									Heavy Sea	
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Saturday Dec	5th		1908				
2									Rain throughout the night during day fine	
3									light NNE wind Bar 29.94	
4									Employed cleaning hold.	
5									ships duties attd to	
6									all well on board.	
7			Sunday Dec	6th						
8									Light fog to 9 am thence clear to	
9									2 P.M. Quets in fog again light. SSE air	
10									ships duties attd to. Bar. 30.04	
11									all well on board.	
12			Monday Dec	7th 08						
1									Hove up anchor and docked ship a	
2			11 Ton Ballast						Starboard at wharf taking in ballast	
3									at 2 P.M. and starting to bend sails	
4									ships draft F 11-5in A 11-10in	
5									ships duties attd to.	
6									all well on board.	
7			Tuesday							
8									Bending sails and receiving stores & Lumber	
9									& Paints Light rain and fog. Wind SE by S	
10									Ships duties attd to.	
11			Extra Labor 3 men						2nd mate joined ship	
12									all well on board	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Lying at Howards St Wharf

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Wensday 9th Dec							
2									Receiving stores + lumber + shifting crew	
3									2 men joined ship extra later 4 men	
4									steady fair and strong S to S W wind	
5									Ships duties attd to Bar 29.7	
6									all well on board	
7			Thursday 10 Dec							
8									Receiving stores + crew signing	
9									Fine throughout the day Bar	
10									Received fresh water 29.92	
11									Ships duties attd to.	
12									all well on board	
1			Friday 11 dec							
2									Left Wharf and anchored in	
3									stream, getting crew on board	
4									bending sails with crew	
5									and getting ship ready for sea	
6									60 fathoms chain out	
7									Ships duties attd to	
8									Fine light West wind	
9									Bar. 30.16	
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from San Francisco. Cal towards Honolulu. H T.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1									~~Sat~~ ~~Today~~ 12th	Dec. 1908
2									Left in tow tug Dauntless	
3									at 9.45 am set all sail	
4									and anchore on bow and lashed	
5									straitning ship	
6									Picked watches at 6 P.M.	
7									all sail set.	
8									ships duties attd to.	
9									all well on board	
10										
11									Pumps, light & lookout	
12									attd to.	
1										
2									Light North wind to ca	
3									calm then ~~bought~~ airs	
4									all round compass	
5									latter light. N W W air	
6									all sail set. with fog	
7									fog horn a going.	
8									Set. Log. 96. at. 1 P.M.	
9									Light ship bearing N N E	
10									dist 5 miles from thence	
11									take departure.	
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1	5		S S W	N W	½ Pt.				Sunday 13	DEC 1908
2	5		"	"					Light N W to West overcast	
3	5		"	"					all sail set	
4	5		"	"					Sunday observed	
5	5		S by W	S W by W					Heavy N W swell	
6	5		"	"						
7	5		"	"	"				Pumps lights & attd to.	
8	5		South	W by N					all well on board	
9	5			"					Fog at Noon 14	
10	5		"	"					Bar 29.84	
11	5		S ½ E	W ½ W						
12	5		"	"						
1	5		"	"	"					
2	5		"	"						
3	5		S by E	S W by W						
4	5		"	"						
5	5		"	"						
6	5		"	"						
7	5		"	"	"					
8	5		South	West						
9	6		"	"						
10	6		"	"					14th Day out.	
11	6		"	"						
12	6		"	"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 60° W	123	123	12.1	36-07	36-02		15	122°-32'	

Journal from _____ towards _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 14th day of Dec 1908
1	7		S by W	W N W					Moderate W N W to N N W
2	7								and squally rainy + clear
3	8								
4	8		"	"					✓ on log at Noon
5	7								all hands cleaning paint
6	7		"						
7	8								all sail set.
8	8		"	"					
9	7								Empd light & lookout
10	7								attd to
11	7								Heavy N W swell
12	7		"	N W					
1	7								
2	7								Bar 29.86
3	7								
4	7		"	"					
5	7								
6	7								
7	8								
8	8		"	N N W					2nd day out.
9	7								
10	7								
11	7								
12	7		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° W	174	170	33.8	33-12	33-12		41	123° 33'	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 15th day of Dec
1	10		S S W	N W					Fresh and squally North
2	10								to N N W.
3	10								Took in Royals, jib topsail
4	10		"	"					spanker + gaff topsail
5	10								heavy sea running
6	10								+ hail squalls + heavy rain
7	10								Crew employed cleaning
8	10		"	"					paint
9	11								
10	11								Pumps lights lookout
11	11								attd to.
12	11		"	North					all well on board
1	11								
2	11								Bar 29.94
3	11								
4	11		"	"					N W swell
5	11								
6	11								
7	11								
8	11		"	"					
9	11								3d day out
10	11								
11	11								
12	11		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 34° W	256	212	141.4	29-40	29-40		165	126-18	126-18

Journal from _____ towards _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wensday 16 day of Dec 1908
1	9		S W ½ S	N N E					Strong N N E & rain first 8 hours
2	9								next 12 moderate + squally
3	9								ending light.
4	9		"	"					all sail set.
5	9								Employed cleaning paint
6	9								
7	9								Pumps lights lookout
8	9		"	"					attd to
9	9								Bar. 30.18
10	9								
11	9								N W swell going down
12	9		"	"					
1	9								
2	9								
3	10								30 log at Noon
4	10		"	"					
5	10								
6	10								
7	10								
8	10		"	"					
9	10								
10	10								4th day out
11	10								
12	10		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 39° W	223	172	141.5	26-48	26-48		161	128-59	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 17 day of DEC. 1908
1	6		S W by W ½ W	North					Moderate to light. N N E to North
2	6								thence to E N E moderate
3	6								rain showers
4	6		"	"					finished cleaning paint
5	7								& work in hold.
6	7								all sail set.
7	7								Bar. 30.10
8	7		"	N N E					
9	7								Pumps lights & lookout
10	7								attd to.
11	7								all well on board
12	7		"	"					
1	7								
2	7								
3	7								26 on log at Noon
4	7		"	"					
5	7								5th day out.
6	7								
7	7								
8	7		"	E N E					
9	7								
10	7								
11	7								
12	7		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 64° W	164	78	145.6	25-30	25-30		162	131-42	131-42

Journal from San Francisco Cal towards Honolulu H. I.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Friday 18 day of Dec 1908
1	9		W by S 1/4 S	E N E					Moderate E N E Trades all sail set.
2	9								Crew cleaning and bailing water out hold
3	9								Taken cook out off galley and put sailor in his place
4	9		"	"					Moderate rain squalls
5	9								
6	9								
7	9								
8	9		"	"					Pumps lights lookout attd to.
9	9								
10	9								
11	9								all well on board
12	10		"	"					
1	10								
2	10								6th day out.
3	10								
4	10		"	"					
5	10								
6	10								
7	10								
8	10		"	"					
9	10								
10	10								
11	10								
12	10		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 76° W	229	56	201.2	24-34	24.34		222.1	135-24	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 19th day of Dec.
1	8		W by S 1/4 S	E N E					Fine & clear throughout the 24 hours all sail set.
2	8								
3	8								Crew cleaning below in hold.
4	8		"	"					
5	9								
6	9								
7	9								
8	9		W by S	E by N					Pumps light lookout attd to.
9	9								
10	9								
11	9								all well on board
12	9		"	"					
1	9								
2	9								N W swell
3	9								
4	9		"	"					
5	9								
6	9								7th day out.
7	9								
8	9								
9	9		W by S 1/4 S	E N E					
10	9								
11	9								
12	9		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° W	217	41	190.0	23-53	23-53		208	138-52	138-52

Journal from San Francisco Cal towards Honolulu H. I.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 20 day of Dec 1908
1	9		W 1/2 S	E N E				29.94	Fine moderate trades E. N E
2	9								all sail set.
3	9								Sunday obs.
4	9		"	"					All well on board
5	9								Except Capt. who has
6	9								something like boils
7	9								
8	9		"	"					Pumps lights lookout
9	9								attd to.
10	9								
11	9								
12	9		"	"					N W swell.
1	9								
2	9								Fog Noon
3	9								101
4	9		"	"					
5	10								
6	10								
7	9								
8	9		W by S	"					8th day out.
9	10								
10	10								
11	10								
12	10		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 83° W	222	27	202.6	23-26	23-26		220	142° 32'	142° 32' W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 21 day of Dec 1908
1	9		W by S	E by N					Fine & moderate trades E by N
2	8								all sail set.
3	9								Crew employed cleaning hold
4	9		"	"					and cement washing
5	9								timbers
6	9								
7	9								
8	9		"	"					Pumps lights & lookout
9	9								attd to.
10	9								
11	9								
12	9		"	"					all well on board
1	9								
2	9								
3	9								N W swell
4	9		"	"					
5	9								Fog Noon 33
6	9								
7	9								
8	9		"	"					9th day out.
9	9								
10	9								
11	9								
12	9		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° W	215	41	192.4	22-45	22-45		209	146-01	146-01

Journal from San Francisco Cal towards Honolulu H.I.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 22 day of Dec 1908
1	10		Wby S ¼ S	E N E					Moderate to fresh E N E & E by N all sail set.
2	10								Fine & clear
3	10								Heavy Northerly swell
4	10		"	"					Employed cleaning lofts
5	10								all well on board
6	10								
7	10								Pumps lights lookout
8	10		"	"					attnd to.
9	10								
10	10								
11	10								
12	10		"	E by N					
1	10								
2	11								
3	11								10 th day out
4	11		"	"					
5	10								
6	10								Log 8.3 at Noon
7	10								
8	10		"	"					
9	10								
10	10								
11	10								
12	10		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 76° W	243	59	235.7	21-46	21-46		254	150.15°	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wednesday 23 day of Dec 1908
1	7		Wby S ¼ S.	E by N					First part of this day begins
2	7								fine moderate E by S
3	7								wind latter part
4	7		"	"					ending squally and wind
5	7								var. to E by S.
6	7								all sail set.
7	7								Employed cleaning hold
8	7		West.	East.					Heavy S E swell
9	7								
10	7								
11	7								Pumps lights lookout
12	7		"	"					attnd to.
1	7								
2	7								all well on board
3	8								
4	8		W ½ N	"					
5	8								
6	8								Log 6 at Noon
7	8								
8	8		"	"					
9	8								11 th day out
10	8								
11	8								
12	8		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 86° W	178	13	177.4	21-33	21-33	10° E	190	153-20	153-20

Journal from San Francisco Cal towards Honolulu H.I.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 24 day of Dec 1908
1	4		West.	E by N					Fine very light wind from
2	4								East to E by S. changing again
3	4								at. 11 P.M to E by N to E. North
4	4		W ½ S.	"					overcast. and squally all
5	4								sail set.
6	5								
7	5								
8	5		West.	E by S.					Sailmaker repairing sails
9	5								crew at work in hold
10	5								Northeasterly current felt.
11	5								
12	5		"	E by N.					Pumps lights lookout
1	5								attd to.
2	5								all well on board
3	5								
4	5		W ½ N	E N E					S E swell still keeps
5	5								up.
6	5								
7	5								Maui in sight at.
8	5		"	North.					7.30 am
9	5								
10	5			N E by E					Log 38 at Noon
11	5								
12	5		"	"					12 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° W	115	22	112.8	21-13	21-13	10° E	120	155-20	——

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 25 day of Dec 1908
1									Day begins with fine moderate
2									North at 7 P M freshens up
3									and made gallants sails fast
4									latter made lower gall. fast.
5			Day ends moderating						carried away fore lower gall
6									sail & mizzen upper topsail
7			Bar 29.90						away, 9 P M still freshing
8									hauled x jack mainsail
9			So ends passage 13 days						and foresail up. Hove to at 8 P M
10									wore ship at. 3 20 am. having
11			Gave crew half day holiday						run dist up. stood off shore
12			all well on board						Again wore ship back on course
1									to Koko Head. North western
2									end Molaki bear. S E by S
3									Koko head bearing S W by W
4									dist 12 miles. Passed Diamond
5			Arrived at Honolulu H.I.						Head at. 9 am Pilot on
6									board at 9 15 am came to
7									anchor at 9 45 am gave ship
8									80 fathoms chain and moored
9									x jack Mainsail & Foresail
10									Tacks sheets & put away
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Iquique towards Honolulu T.H.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Saturday 26th Dec 1908							
2										
3									Docked ship at 8 am Unbent Lower topsails	
4									& upper topsails and all fore + aft sails	
5			Ships draft						and starboming ship up	
6			F. 11.5							
7			A. 11.10						Fine moderate N N E wind	
8									ships duties attd to.	
9									all well on board.	
10										
11			Sunday 27						Fine + clear light. N E Trades	
12									employed to wash decks this	
1									morning and only 3 of Crew turned to.	
2			The names are as						the rest refusing to wash down	
3			follow							
4										
5			J. Jenns	O. Andersen					Sunday obs.	
6			C. Stage	B. Golling					Ships duties attd	
7			~~F. O'Connor~~	J. Pettersen						
8			F. Hellborn	N. Davis						
9			W. Allen	K. Larsen						
10			W. Stevens	J. Carter						
11			W. Carol							
12			W. Morgan							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Monday 28th							
2									Fine & moderate N E trades	
3									6 of crew unbending Gallant sails	
4									& Royals	
5									Sailmaker repairing sails	
6									stevedors started to discharge	
7									ballast. at 1 P.M.	
8									ships duties attd to.	
9									all well on board	
10										
11			Tuesday 29						Fine + moderate Trades	
12									5 of crew employed cleaning hold	
1									Carpenter started to line ships	
2			ships Drafts.						for sugar	
3			F 11-7						Sailmaker on sails	
4			A 10-2						Stevedors discharging ballast.	
5									ships duties attd to.	
6									all well on board	
7			Wensday 30th							
8										
9			Ships Drafts.						Fine + moderate 4 men of crew in	
10									hold cleaning Carpenter lining between	
11			F. 11-8½						decks. Sailmaker + 1 man on	
12			A. 8-8½						sails 2nd + boon in hold	
									ships duties attd to.	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Iquique towards Honolulu T.H.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Thursday 31st Dec. 1908							
2									Fine + moderate Trades.	
3			Ships Draft.						Finished discharging ballast.	
4									out of #3 hatch will start #2	
5			F. 11-9						saturday morning	
6			A. 7-6						Sailmaker + 1 man repairing	
7									sails 2nd mate + 3 men	
8									in hold cleaning Carpenter + 1	
9									man lining between decks	
10									ships duties attd to.	
11			Friday 1st January 1909							
12										
1									New Years obs. fine moderate Trades	
2									Washed decks + cleaned brass	
3									+ holiday	
4			Discharged Steward						ships duties attd to	
5			+ Cook						all well on board.	
6			Saturday 2nd Jan. 1909							
7			Engaged Steward + Stewardess		Ships draft				Started discharging from #2 hatch	
8					F 11-0				Crew cleaning hold.	
9					A. 7-8				ships duties attd to.	
10									all well on board	
11			Sunday 3d Jan						Fine & moderate Trades	
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Boson. Sailmaker + Gus Carpenter & Sailor

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Monday 4th Jan. 1909						Ships duties attd to.	
2										
3			Ships draft						Fine & moderate Trades	
4			9-7 F						Sailmaker + Boon drunk + 1 man	
5			7-9 A.						deserted which leaves 3 sailors left.	
6			Extra Labor. 9 Grafs			7-5			stevedors discharging ballast.	
7			1 - Foreman						ships duties attd to.	
8			10 - men							
9			Tuesday 5th Jan/09.							
10			Extra Labor 12 men = 6 hrs - 5 - P.M						Fine + moderate Trades moved ship	
11			8 " = 6.30 = 5 - P.M						over to R.R. wharf, and started to	
12			20 =						discharge ballast	
1			Draft.						ships duties attd to.	
2			Wensday 6th Jan		Extra Labor.					
3			Draft. 8-9		21 men				Fine + moderate. finished discharg	
4			7-9		7-5				ing ballast. at 10 am	
5			Mean Draft 8ft - 3in						Cleaning hold and painting	
6									and Cement washing timbers	
7									and lining ship for sugar	
8									all well on board	
9									ships duties attd to.	
10			Thursday 7th						Fine & moderate	
11			3 men lining ship						laying dunnage with 6 men	
12			1½ - Foreman						ships duties attd to.	
			extra labor							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port towards Honolulu T.H.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Friday 8th Jan 1909						Fine + moderate trades	
2			Extra Labor						Employed painting hold	
3			3 men lining						and laying dunage	
4			+- men						all well on board	
5			1 - Foreman						ships duties attd to.	
6			Saturday 9th "							
7			Extra Labor.						Fine + moderate Trades	
8			3 men lining						Employed laying dunage for sugar	
9			+- men						all well on board	
10			1 - Foreman						ships duties attd to.	
11										
12			Sunday 10th "							
1				Refused duty						
2				Raby	Rathgard				Fine + moderate Trades	
3					O. Connor				Sunday Obs.	
4									ships duties attd to	
5									all well on board.	
6	2 men ½ hours for mending Boat		Monday 11th "							
7			Extra Labor						Thick + Rainy all day	
8			4-1 Japs						Employed laying dunage	
9			3 men lining		2nd " Mate Left				ships duties attd to.	
10					Boat joined				strong South wind.	
11			Tuesday 12th "							
12			From 1 to 5 = 2 men Painters	Japs.	4-1				Clear & strong South wind	
			"						Painting ships side and hold	
									ships duties attd to.	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Wenesday 13th "						Fine + clear. light. South wind	
2			From 7-5 = 3 men						Painting ships side & laying dunage	
3			7-5 = 4-1 = "						in hold	
4									Ships duties attd to.	
5									Shifted ship from Out side to Star. side	
6									of wharf.	
7			Thursday 14th "							
8			8-1						Fine + moderate trades	
9			3 Painters						Chipping out side ship on port side	
10									ships duties attd to	
11									all well on board.	
12			Friday 15th "							
1			8-1 Extra Labor							
2				Received					Fine + moderate trades	
3				1600 Bags					chipping port side ship	
4				Sugar					Received 1600 bags sugar	
5									ships duties attd to	
6			Saturday 16th "						all well on board	
7										
8				Received					Fine + clear trades	
9				3968 Bags					Chipping port side ship	
10				Sugar					ships duties attd to	
11			Sunday 17th "						all well	
12									Fine + clear trades	
									Sunday Obs.	
									all well on board.	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port towards Honolulu T.H.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Monday 18th "		sailor turned to.				Fine + moderate South wind	
2			Extra Labor		Received 3900				Cleaning + chipping port side of	
3			8-1 men		Bag				ship	
4					Sugar.				ships duties attd to.	
5									all well on board	
6			Tuesday 19th "	man left for crew						
7			Extra Labor		Received 6800				Fine + moderate South wind	
8			8-1 men		Bag				chipping port side	
9					Sugar.				ships duties attd to.	
10									Total bags sugar to date. 16.268	
11			Wensday 20th "		2nd " Mate joined ship					
12			Extra Labor		No Sugar.				Trades + Misty N N E	
1			8-1						Chipping port side and	
2									painting green star side	
3			Thursday 21st "						ships duties attd to.	
4			Extra Labor		Received					
5			8-1		2115				Trades + Misty N N E	
6					16268				Chipping port side &	
7					18383 in ship.				painting green star side	
8					Total to date				ships duties attd to.	
9			Friday 22nd "		Received					
10			Extra Labor		1760				Trades + Misty N N E	
11			5-1		Total 20143 bags				Chipping port side and painting	
12					to-date				ships duties attd to.	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Saturday 23d " Jan. 1909.							
2									Fine + strong N N E trades	
3			Received.						with occationly squalls	
4			1495 Bags						chipping port side	
5			Sugar						ships duties attd to.	
6			20143							
7			21638							
8			Total amount.							
9										
10			Sunday 24th "						Sunday Obs.	
11									all well on board	
12									ships duties attd.	
13			Monday 25th "		Carpenter 2 sailors					
1					& said 2 " Mate				Fine + strong trades N N E.	
2			Received		in Jail - 2 men				Painting ship	
3			amount brought forward		Carpenter				ships duties attd to.	
4			21638						all well on board.	
5			6018							
6	Boat left.		amt. 27656 to date							
7			Tuesday 26th "						Fine + moderate trades N N E	
8					27656				Painting port side	
9			Boat left		+499				ships duties attd	
10					32155 total amount.				all well on	
11									board.	
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port towards Honolulu

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			January 27th						Fine & moderate trades	
2			Wednesday		32 15 5				Chipping port side	
3			Ships draft.		2765				ships duties attd to	
4			F. 13-11		34920 bags sugar				all well on board	
5			A. 14-2		Total.				Engaged new 2nd Mate	
6										
7			Thursday 28th							
8									Fine & clear strong NNE	
9									Trades painting port	
10					34920 bags sugar				side	
11									ships duties attd to	
12										
1			Friday 29th							
2			No Sugar		New 2nd mate worked 2 hours ashore double				strong NNE trades	
3			34920 bags						fine & moderate	
4									painting port side	
5									ships duties attd	
6									Old 2nd Mate & 2 men returned to duties	
7			Saturday 30th						out of jail	
8			Draft.		Received					
9					34920				Fine & clear mod. trades	
10			15-1=F		4839				4 of crew var. employed.	
11			14-7=A		39759 total bags.				ships duties attd to.	
12									all well on board	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
Sunday.	obs.				all well on board.				

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Monday 1st		Feb. 1909				Fine & moderate trades NNE	
2					39709				Crew var. employed.	
3			Draft.		4220				ships duties attd to.	
4		F	15-6		43929 total bags.				all well on board	
5		A	15-3							
6										
7			Tuesday 2d.							
8										
9			Draft.		43929				Fine & clear moderate NNE trades	
10		F	15-6		3940				Crew variously employed	
11		A	16-5		47919 total bags				ships duties attd to.	
12									all well on board.	
1			Wednesday 3d Feb.							
2			Draft.		47919				Fine & clear moderate NNE trades	
3		F	15-6		5065				Employed bending fore & aft sails	
4		A	17-11		52984 total bags sugar				2nd Mate started to work	
5									ships duties attd to.	
6									all well on board.	
7			Thursday 4th Feb.							
8		F	17-1		52984				Rainy & light southerly air	
9		A	18-1		5365				Employed bending fore & aft	
10					58349 total bags				sails and square sails	
11									all bent but mainsail	
12									& cross jack	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port ~~towards~~ Honolulu T.H.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Friday 5th Feb. 1909			6 sailors			Rainy & light south-easterly airs	
2			Draft.		58349	5 Coreans			Employed getting ready for sea	
3		F	18-3		6945	Extra Labor			ships duties attd to.	
4		a	18-10		65294 total bags.				all well on board	
5					65539					
6										
7			Saturday 6th Feb.						Heavy Rain & light southerly airs	
8										
9			Draft.	No 2 Hatch	65539				Crew variously employed	
10		F	19-6	No 3	5428				ships duties attd to.	
11		a	20-0	870	70967 total bags				all well on board	
12										
1			Sunday 7th Feb.							
2									No Work Sunday Obs.	
3									all well	
4										
5			Monday 8th							
6				H	70967				Fine & light. Westerly airs	
7				No 2	2445				2 of Crew variously employed	
8				No 3	4730				Crew 2nd mate quit	
9				No 2	2460				ships duties attd to.	
10				Total	80602 Bags				all well	
11										
12									Old 2nd Mate returned to duty	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1			Tuesday 9th		1909				Fine & light Southerly	
2			Draft.		80602				airs.	
3					3792				Variously employed	
4		F	21-3		11057				getting ready for sea	
5		a	22-3		2088				ships duties attd to.	
6					1020				Carpenter caulking hatches	
7					88607					
8										
9			Wednesday 10th Feb. 1909						Fine & light. Southerly airs	
10			Draft.		88607				Getting ready for sea	
11		F	22-6		4776					
12		a	23-2		93383 Bags				Finished loading. Total	
1					sugar.				amount of bags. 93,383	
2			5590½ Tons.						ships duties attd to.	
3										
4									Bosn. & 1 mate started to work.	
5										
6			Thursday. 11 Feb. 1909							
7									Moderate & fresh. SSE wind	
8			Left Honolulu						Received crew on board.	
9			for Phila.						at. 11.30 am left wharf.	
10			direct						for sea in tow at. 11.45 am	
11			5,590½ Tons						set all sail & secured anchors	
12			sugar.						picked watches at. 7 PM	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Honolulu T. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 12 day of Feb. 1909
1	1		SWbyW	SSE					Rainy
2	1		"						Moderate & fresh. and gradually
3	1		"	to.					SSW Royals fast.
4	1		"						Wind hauled from SSE & SSW
5	2		"						at. 2 AM log. 20.
6	2		"	SbyE					log 2 at 2 PM.
7	2		"						log. at. Noon 87
8	2		"						
9	2		"						Hebert cable and put
10	1		"	"					anchors cross decks
11	1		"						and lashed them
12	1		"						Crew variously employed
1	2		"	"					
2	6		SEbyS.	SSW					Lost sight of Diamon Head
3	6								at. 11.30 bearing NEbyE½E
4	6		"	to					dist 18 miles.
5	6		"						Barbers Point bearing NbyE
6	6		"						from these & have taken dept.
7	6		"	SW.					
8	6		"						Pumps lights lookout
9	6		"	"					attd. to.
10	7		"						all well on board
11	7		"	"					
12	7		"						1st day out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 19°E	71	67.4	23.3	20-07	20-21		25	157.23	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 13 day of Feb. 1909
1	6		SSE	SW					Squally & heavy rain showers
2	6								fresh breeze SW
3	6								at. 5.30 PM wind shifted
4	5		"	"					to WNW. and at. 12 PM
5	5								to. North. at. 5 am clear
6	5		SbyE	NNW					NNE trades all sail
7	5								set.
8	5								Crew variously employed
9	6		"	"					ships duties attd to.
10	6								all well on board
11	6								
12	5		SSE	"					Pumps lights lookout
1	5								attd to.
2	5								
3	6								
4	6		"	"					2nd day out.
5	6								
6	5								
7	5		"	"					
8	5								
9	5		"	"					
10	5								
11	5								
12	5		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 22° E	129	119.	49.4	18-08	18-08		5-2	156-31	

Journal from Honolulu T. I. towards Chila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 14 day of Feb. 1909
1	4		SSE	NNE					Fine and clear. baffling airs from
2	4								NNE to. SE by E. all sail
3	4								set.
4	4		"	"					Sunday obs.
5	4								
6	4								all well on board.
7	4		"	"					
8	4								ships duties attd to.
9	4								
10	4		"	"					
11	5		South	ESE					Pumps lights and lookout
12	5								attd to.
1	5		Southbyw	ESE					
2	5								
3	5								
4	5		"	SSEbyE					3d day out.
5	5								
6	5		"						
7	5								
8	5		"						
9	5		SSE	EbyN					
10	5		"						
11	5		"						
12	5		"	ENE					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 60E	109	108,0	10.7	16-20	16-20		11	156-20	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 15 day of Feb. 1909
1	6		SSE	ENE					Fine light. trades ENE to
2	6								NE. all sail set.
3	6								Crew employed sending
4	6		"	"					sugar from between decks
5	6								to lower hold as ship
6	6								is a little to cranky
7	6								Amount of bags put down
8	6		"	"					1095 bags
9	6								
10	6								all well on board
11	6								
12	6		"	"					
1	6								Pumps lights & lookout o
2	7								attd to.
3	7								
4	7		"	"					
5	6								
6	6								4th day out
7	6								
8	6		"	NE					
9	6								
10	6								
11	6			"					
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 12 E	147	135	55.9	14-05	14-05		5-7	156-23	

Journal from Honolulu T.H. towards Chila Co.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 16 day of Feb. 1909
1	7		SW by S	ENE					Fine moderate Trades NE all sail set. Employed fitting new upper gall ant sheet. and other minor duties all well on board
2	7								
3	7								
4	7		"	"					
5	7								
6	7								
7	7								
8	7		"	"					
9	7								
10	7								
11	8								
12	8		"	"					
1	8								
2	8								
3	8								
4	8		"	"					
5	8								
6	7								
7	7								
8	7		"	"					
9	7								
10	7								
11	7								
12	7		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 24° E	175	160	69	11-25	11-25		71	156-34	156-30

5th day out.

1 Bbl. Flour.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wensday 17 day of Feb. 1909
1	7		SSE	ENE					Rain showers + squally moderate to fresh NNE Royals and light sails fast. Shifting sugar down from between decks to lower hold forward. Pumps lights lookout attended to. all well on board
2	7								
3	7								
4	7		"	"					
5	7								
6	8								
7	8								
8	8		"	"					
9	8								
10	8								
11	8								
12	8		"	"					
1	8								
2	8								
3	8								
4	8		"	"					
5	8								
6	8								
7	8								
8	8		SSE	NNE					
9	8								
10	8								
11	8								
12	8		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 20° E	187	173.0	71.6	8-32 N	8-32 N		73	156-24	

6th day out.

Journal from Honolulu T.H. towards Chila Co.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 18 day of Feb. 1909
1	8		Sby E	NE					Cloudy + fresh with heavy rain squalls first part. Latter part. clearing and moderating made all light sail. Employed shifting sugar. from between decks to lower hold. have put down 3,090 sacks all ready ship seems to be a little cranky as yet. Pumps lights + lookout called to. all well on board
2	8								
3	8								
4	8		"	"					
5	9								
6	9								
7	9								
8	9		"	"					
9	9								
10	9								
11	9								
12	9		"	ENE					
1	9								
2	9								
3	9								
4	9		"	"					
5	9								
6	9								
7	9								
8	9		"	"					
9	9								
10	9								
11	9								
12	9		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 12° E	212	208	38.4	5°-26-	5°-24		39	155°-55-	155°-5-5-

7th day out.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1	5		Sby E	E NE					Fine light. E NE to ESE airs all sail set. Spun yarn employed Pumps lights lookout called to. all well on board
2	5								
3	5								
4	5								
5	5		Sby E	ENE					
6	5								
7	5								
8	5								
9	5		SSE	ENE					
10	5								
11	5								
12	4								
1	4		SSE	ENE					8th day out.
2	4								
3	4								
4	4								
5	4		South	ESE					~~Bbl~~ 2 Bbl. Beef 1 " Pork.
6	4								
7	4								
8	4								
9	4		S 1/2 E	ESE					
10	4								
11	4								
12	4		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 6° E	107	106	10.5	2-38	3-38		11	155-59	

Journal from Honolulu H. I. towards Phila. Pa.

Saturday 20 day of Feb 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		S E by S	N N E					Heavy rain and fresh squalls first part all sail set. all light sails fast at 10 P.M. Latter part. all Royals set. Crew employed scrubing paint Cramps lights lookout attended to. Westerly current felt for last 2 days 9th day out.
2	5								
3	5								
4	5		S S E	N E by N					
5	6								
6	6								
7	6								
8	6		S E by S	N N E					
9	5								
10	5								
11	5		S S E	N E by N					
12	5								
1	5								
2	5		S by E	E N E					
3	5								
4	5								
5	5		"	"					
6	5								
7	5								
8	5		"	"					
9	5								
10	5								
11	5		S by W	"					
12	5		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° E	126	123	25.4	1°35' N	1°35' N		26	155-43	155-43

Sunday 21 day of Feb. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		South	E N E					Fine & very light. Trades all sail set. Sunday obs. all well on board Cramps lights lookout attended to. About 20 miles current to the West W N W 10 days out.
2	5		"						
3	5		S by E						
4	5			"					
5	5								
6	6		"						
7	6								
8	6		"	"					
9	6								
10	6								
11	6								
12	6		"	"					
1	6								
2	6								
3	6								
4	6		"	"					
5	6								
6	6								
7	6								
8	6		"	"					
9	6								
10	6								
11	6								
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 4° W	139	135.0	32.7	0-40 S	0-40 S		33.	156-16 W	156-16 W

Monday 22 day of Feb. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		S by E	N E					Moderate & fine N E wind Crew variously employed Sailmaker on new Up. Topsail all well on board Cramps lights lookout attended to. Still feel the Westerly current. 20 miles 11 days out.
2	5								
3	5								
4	5		"	"					
5	5								
6	5								
7	5								
8	5		"	"					
9	5								
10	6								
11	6								
12	6		"	"					
1	6								
2	6								
3	6								
4	6		"	"					
5	6								
6	6								
7	6								
8	6		"	"					
9	6								
10	6								
11	6								
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 90° W	135	133	17.7	2-53 S	2-53 S				

Tuesday 23rd day of Feb. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S by E	N E					Fine and light. N E to E N E all sail set Crew var. employed Sailmaker on new Up. Topsail Cramps lights lookout attended to. OK on board Light W. current. 12 days out.
2	6								
3	6								
4	6		"	"					
5	6								
6	6								
7	5								
8	6		"	"					
9	6								
10	6								
11	6		S by E						
12	6		~~S by E~~	E N E					
1	6		"						
2	6								
3	6								
4	6		"	"					
5	6								
6	6								
7	6								
8	6		E by E	N E					
9	6								
10	6								
11	6								
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 6° E	143	142	13.4	5-15	5-15 S		14	156-20	

Journal from Honolulu H. I. towards Phila. Ca

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wenesday 24 day of Feb. 1909
1	5		S S E	N E					Fine moderate & light. E N E & N E since crossing line breeze has been stronger in fore. noon and light throughout night. all sail set. Crew var. employed all well on board
2	5								
3	5								
4	5		"	"					
5	5								
6	5								
7	6			E N E					
8	6		"	"					
9	6								
10	6								Cumps lights lookout attd to.
11	6								
12	6		"	"					
1	6								
2	6								Slight. westerly current
3	6								
4	6		"	"					
5	6								13th day out.
6	6								
7	6								
8	6		"	"					
9	6		S E by S	N E					2 Bells 5 to 7 hour
10	6								
11	6		"	"					
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 30° E	138	138	03	7-33	7-33		4	156-16	156-16

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 25 day of Feb. 1909
1	6		S E by S.	N E					Fine moderate Trades from E N E to N N E all sail set. Crew var. employed. all well on board
2	6								
3	7								
4	7		S S E	"					
5	7								
6	7								
7	7								
8	7		S S E	"					
9	7								
10	7								Cumps lights lookout attd to.
11	7								
12	7		S S E	"					
1	7								
2	7		S by E	N N E					
3	7								
4	7								
5	7								
6	7		S by E	"					
7	7								14 days out.
8	7								
9	7								
10	7		"	"					
11	7								
12	7		"						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 71° E	169	160.8	31.3	10-14 S	10-14 S		32	155-43 W	

Journal from Honolulu H. I. towards Phila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 26 day of Feb. 1909
1	6		S by E	N N E					Fine mod. to light. N N E wind. all sail set. Crew variously employed all well. Sailmaker repairing sails
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								Cumps lights lookout attd to.
11	6		S by E	N N E					
12	6								
1	6								
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								15th day out.
8	7		S by E	N N E					
9	7								
10	7								
11	7								
12	7		Ditto	Ditto					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 31° E	155	155	02	12° 49 S	12° 49 S		2	155° 43' W	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 27 day of Feb. 1909
1	4		S ½ E	N E					Overcast + light baffling wind from N E to East. all sail set. Crew var. employed
2	4								
3	4								
4	3								
5	3								
6	3								
7	3								
8	3		S ½ E	East.					Cumps lights lookout attd to. all well on board
9	3								
10	4			N E					
11	4								
12	4		"	"					
1	4		"	East					
2	4								
3	4								
4	4		S ½ E	"					
5	4								16 days out.
6	4								
7	4								
8	4		S ½ E	"					
9	4								
10	4		"	N E					
11	4								
12	4		S ½ E						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
South	90	90	6	14.20	14-19		0	155.43	

Journal from Honolulu H. I. towards Chiba Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 28 day of Feb. 1909
1	3		S ½ E	East.					Fine light. East. wind all sail set.
2	3								
3	3								
4	3								all well on board.
5	3								
6	3								
7	3								
8	4		S ½ E						Cumps lights lookout attd to.
9	4								
10	4								
11	4								
12	4		S ½ E	East.					(2nd) Tank. 3 ft. - in 6 from top.
1	4								
2	4								2 = 0 = 11 Ditto
3	4								3 0 = 8 Ditto
4	4								
5	4								
6	4								
7	4								17 days out.
8	4		S ½ E						
9	4								
10	4								
11	4								
12	4		S ½ E	East.					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 2° W	78	78	04	15-37	15-37		4	155-48	155-49

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 1st day of March 1909
1	2		S by W	East.					Light & squally & calm all sail set. baffling airs from E by E to S S E.
2	2								
3	2			E by E					
4	2		"	"					Crew vari employed all well on board
5	2								
6	2								
7	2			"					
8	2		"	"					
9	2		S S W	E S E					Cumps lights lookout attd to.
10	2								
11	3			S E by E					
12	3		"						
1	3		S W by S ½ S						
2	3			S S E					
3	3								
4	2		"						
5	2		S W	S S E					18 days out.
6	2								
7	2								
8	2		S W	"					
9	2								
10	2								
11	2								
12	2		S by E	E ½ E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 36° W	53	42	30	16-19	16-19		31	156-20	

Journal from Honolulu H. I. towards Chiba. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 2 day of March.
1	3		S by E	East N E					Light baff. airs and squally from East to S E
2	3								Latter part steady N E.
3	3		S S W	E by S.					and fine all sail set.
4	4								
5	4								Crew var. employed.
6	4		Ditto	E by S.					
7	4								
8	4		S by E	E N E					
9	4								
10	4								Cumps lights lookout attd to.
11	4								
12	4		Ditto	"					
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								19 days out.
7	4		S S E.	N E by E					
8	4								
9	4								
10	4								
11	4		S E.	N E					
12	4								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 23° W	93	93	3.7	17-52	17-52		.04	156°-24	156°-24

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wensday 3 day of March 1909
1	5		S E	N N E					Fine & clear. with heavy rain squalls steady N N E all sail set.
2	5								
3	5								
4	5								Crew vari. employed. all well on board.
5	5		S S E	N E					
6	5								
7	5								
8	5		S S E	"					Cumps lights lookout attd to.
9	5								
10	6								Rove off new port lower fore Topsail brace & port lower and upper at main.
11	6								
12	6		"	"					20 days out.
1	6								
2	6								
3	6								
4	6		"	"					Both lower topsails braces at the mizzen
5	6								
6	6								
7	6		S ½ E	"					
8	6								
9	6								
10	6								
11	6		S ½ E						
12	6								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 9° E	135	134	18.7	20-06	20-06		19		156-05

Journal from Honolulu H.I. towards Phila. Pa.

Thursday 4 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		S ½ E	E N E					Rove off new Main Upper Gal. Stay Sail Port Royal, inner Mizzen front in. Up. Topsail front + stay out. lower, gal. Reach lines on + jack
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4		S ½ E	East.					Day begins fine and light. E N E to East.
9	4								
10	4								reboat Mainsail + jack 3 lower topsails + 3 Royals.
11	4								
12	4		"	"					
1	4								Crew var. employed.
2	4								
3	4								all well on board.
4	4								
5	4								
6	4								Cmmps lights lookout called to.
7	4		S ½ E	East.					
8	4								21 days out.
9	4								
10	4								
11	4								3 Bbl. Flour.
12	4		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
South.	96.	96	.09	21-42	21-42		1.	156-04	156-02.

Friday 5 day of March, 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		S SE	E N E					Fine + clear. with light. baft. airs from E. at N E to S E. all sail set. Crew var. employed
2	3								
3	3								
4	3								
5	3		South	East.					
6	3								
7	3								
8	3								
9	3		S by W E by S.						Cmmps lights + Lookout called to.
10	3								
11	3								
12	3								Heavy S S W swell for 24 hours
1	4		South	East					
2	4								
3	3								22 days out.
4	3								
5	3								
6	3								
7	3		S SE	E N E					
8	3								
9	3								
10	3								
11	3								
12	3		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 60° E	74	74	7.3	22-56	22-56		8	155-56	—

Journal from Honolulu H.I. towards Phila. Pa.

Saturday 6 day of March. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	1		South	East.					Light airs + calm throughout the entire 24 hours. from N E. to. East.
2	1								
3	1								
4	1								
5	2								Crew var employed
6	2								
7	2								
8	1								Cmmps lights + lookout called to.
9	1								
10	1								
11	2								Johnson fell from fore rigging and hurt his back knee + arm
12	2								
1	1								
2	1								
3	2								Still have the heavy S S W swell.
4	1								
5	1								
6	2								
7	2								23 days out.
8	2		S by E	E N E					
9	2								
10	2			N E					
11	2								
12	2								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 27° W	37	33.	16.4	23-29	23-29		17	156-13	156-13

Sunday 7 day of March 1909

H	K	F.	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		S by E	N E.					Light N E air + heavy S S W swell regular Cape Horn swell. all sail set.
2	2								
3	1								
4	1		"						
5	1								
6	1								
7	1								Cmmps lights lookout called to.
8	1		South	E N E					
9	1								
10	1								Fresh Waters From. To. in
11	1								1st and. - Tank. - 3 ft. 3 =
12	1								2 - " M. - 0 = 11 =
1	2								3 - " A. - 2 = 4 =
2	2								
3	2			N E					
4	2								
5	2								
6	2		S						24 days out.
7	2								
8	2		outh						
9	2			N E					
10	2								
11	2								
12	2								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 1° E	38	38	2.8	24-07	24-07		3	156-10	156-10

Journal from Honolulu T. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 8 day of March 1909
1	3		South	N E					Overcast and fine light. N N E all sail set. Employed shifting sails
2	3								
3	3								
4	3		"	"					
5	3								
6	3								
7	3								
8	3		"	N N E					
9	3								
10	3								
11	3								
12	3		"	"					
1	3								
2	3								
3	3								
4	3		"	"					
5	3								
6	3		S. by E.						25 days out.
7	3			"					
8	3								
9	3		S. S E.						
10	3								
11	3		"						
12	3		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 5° E	72	72.	7.1	25.19	25-19		8	156.02	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 9 day of March 1909
1	4		S S E	N N E					Fine + overcast sky light. N E by N. Call sail set. Employed shifting sails
2	4								
3	4								
4	5		"	"					
5	5								
6	5								
7	5								
8	5		"	"					
9	5								
10	5								
11	5								
12	5		"	"					
1	5								
2	5								
3	5								
4	5		S by E	N E by N					a little S S W swell yet.
5	5								26 days out.
6	5								
7	5								
8	5		"	"					
9	5								
10	5								
11	5								
12	5		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 9° E	119	115.7	17.2	27-15	27-15		19	155-43	

Journal from Honolulu T. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 10 day of March 1909
1	5		S by E	N E by N					Cloudy + Rain strong E by E Rofale off light. sail fast.
2	5								
3	5								
4	5		"	"					
5	5								Var employed. Strong head sea.
6	5								
7	5								
8	5		"	E N E					
9	6								Cramps lights + lookout attd to.
10	6								
11	6								
12	6		"	"					
1	6								
2	6								27 days out.
3	6								
4	6		"	"					
5	6								
6	6								
7	6								
8	6		"	"					
9	6								
10	6								
11	6								
12	6		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 4° E	136	135-	6.7	29.30	29-30		8	155-35	155-35

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 11 day of March 1909
1	6		S by E	E N E			Fog 49		Overcast. and fresh. E by E Took in 3 upper gal sail + flying jib at. 3 P.M. and at. 6.30 fore and miz. lower gal. sails + spanker.
2	6								
3	6 7								
4	6 7		"	"					
5	7								
6	7								
7	7								
8	7		"	"					3 am clearing and moderating set. lower gal sails + main upper gal. sail and flying jib.
9	7								
10	7								
11	7								
12	7		"	"					
1	7								
2	7								Var employed Westerly current felt.
3	7								
4	7		"	"					
5	7								
6	7								Cramps lights + lookout attd to.
7	7								
8	7		"	"					28 days out
9	7								
10	7								
11	7								
12	7		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 9 0 W	166	164	21.4	32-14	32-14		25-	156-09	W

Journal from Honolulu H. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 12 day of March 1909
1	5		S S E.	E N E					Cloudy & heavy squalls made Upper gal sails flying jib and spanker fast. at. 11 P.M.
2	5								
3	5								
4	5		"						
5	5								
6	6		S E.	N E					Somewhat moderate at day break set. Upper gal sails and flying jib and spanker.
7	6								
8	6		"						
9	6								
10	6		S S E	E N E					Crew vari employed
11	6								
12	6		"						
1	6								
2	6								Cumps lights and lookout attd to.
3	6		"						
4	6								a little westerly current
5	6		S by E 1/2 E	E by N					
6	6								
7	6								29 days out.
8	6		S by E.	E by N					
9	6								
10	6								
11	6		S S E	E N E					
12	6		"						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 9° E	139	137.5	20.4	34-32	34-32		24	155-36	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 13 day of March 1909
1	6		S S E	E N E					Moderate, & fresh. East to E by S.
2	6								
3	6								
4	6								
5	6								Crew vari employed
6	6								
7	5		S by E	East.					Cumps lights & lookout attd to.
8	5								
9	5								
10	5								
11	5								
12	5								30 days out
1	5		S S E	E by S.					
2	5								
3	5								
4	5								
5	5								
6	5		"						
7	5		S by E	E by S.					
8	5								
9	5								
10	5								
11	5								
12	5		"						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 5° E	130	129.4	12.7	36-42	36-42		15	155-35	

Journal from Honolulu H. I. towards Chila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 14 day of March 1909
1	4		S 1/2 E	E by S					Moderate East. to E S E.
2	4								all sail set.
3	4								Overcast sky
4	4								
5	4		S by E	"					all well on board
6	4								
7	4								
8	4								
9	4		S E by S	E by N					Cumps lights & lookout attd to.
10	4								
11	4								
12	4								
1	4								
2	4		S S E	East					
3	4								31 days out.
4	4								Water
5	4		S S E						No-1=F 3 ft = in 3 from top
6	4								" 2=M 1 - 5 " "
7	4								" 3=A 3 - 11 " "
8	3								
9	4		S by E	East.					43 bl. Flour.
10	4								
11	4								
12	4								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 60 E	95	94.5	9.3	38-16	38-16		11	155-24	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 15 day of March 1909
1	4		S S E	E by N					Overcast & fine, light.
2	4								baffling airs from N E
3	4								to E and.
4	4								all sail set.
5	3		S E by S.	E N E					Crew variously employed
6	3								
7	4								
8	4		S S E	"					
9	4								
10	4								Cumps lights to lookout attd to.
11	4								
12	4		S E	N E					
1	4								
2	4								
3	4								
4	4		S E	N E					32 days out.
5	4								
6	4								
7	4								
8	4								
9	4		S S E	E N E					
10	4								
11	4								
12	4		S S E	E N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° E	94	92	18.3	39-48	39-48		23	155-11	

Journal from Honolulu T. I. towards Phila Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 16 day of March 1909
1	/		S by W						
2	/								Overcast & fine
3	/								Light baffling airs & calms.
4	/								
5	/			All					Throughout the 24 hours
6	/			round					all sail set
7	/		S S W						Vain employed
8	/								
9	/								
10	/		S by W	Compass.					Crump lights & lookout attended to.
11	/								
12	/								
1	/								
2	/								
3	/		E by S						
4	/								33 days out
5	/								
6	/								
7	/								
8	/								
9	/			S S W					
10	/								
11	/								
12	/			S S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
South	25	25	—	40-13	40-13		—	155-10	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wensday 17 day of March 1909
1	5		E by S	S S W					
2	5								Fine & overcast light mist
3	5								and light baffling airs
4	5								from S to S E
5	5								all sail set.
6	5								Employed putting sugar from
7	6		E by S	South					between decks to lower hold
8	6								5-20 fore hatch
9	6								180 aft. "
10	5								
11	5								Crump lights & lookout
12	5		E by S	"					attended to.
1	5								
2	5								
3	5								
4	5								34 days out.
5	5								
6	5								
7	5								
8	5		E by S	"					
9	5								
10	5			S S E					
11	5								
12	5		"	South					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° E	123	24	91.9	40-37	40-37		120.6	153-25	

Journal from Honolulu T. I. towards Phila Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 18 day of March 1909
1	2		E by S ½ S	S S W					
2	2								Fine light & overcast sky
3	2								light S to S S W airs
4	2								all sail set.
5	2								Put 326 sacks sugar down
6	2		E ½ S	South					# 4 hatch from between decks
7	2								Total amount put down.
8	2								up to date # 4,216
9	2								Employed cleaning iron rust.
10	2		East.	South					Crump lights lookout
11	2								attended to.
12	2								
1	2								
2	2		E by S ½ S	S S W					
3	2								
4	2								35 days out.
5	3								
6	3								
7	3								
8	3		"	"					
9	3								
10	3								
11	3								
12	3		"	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° E	56	11	54.9	40-48	40-48	12° E	71	152°14 W	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 19th day of March 1909
1	5		E by S	S S W					
2	5								Fine & light. S ottle to S S W airs
3	5								all sail set.
4	5								Employed scraping top midship
5	5								house
6	5		E by S	S S W					Light rain showers.
7	4								
8	4								
9	4								Crump lights & lookout
10	4								attended to.
11	4		East.	South					
12	4								
1	4								
2	4								
3	4								36 days out.
4	4		E ½ N	S by E					
5	4								3 Bbl. and 1 Bbl Cooks.
6	4								bread leaving
7	4								4 Bbl. Flour.
8	4								
9	4		E ½ N	S by E					
10	4								
11	4								
12	4		E by N	S by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 81° E	102	15	100.9	41-03	41-03	13° E	132	150-02	

Journal from Honolulu T. I towards Chila Ca

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 20 day of March 1909
1	3		NE by E	SE by S					Fine & light. South & SE
2	3								overcast sky
3	3								All sail set.
4	3								Employed cleaning iron rust
5	3								
6	3		N E	S E					Pumps lights & lookout
7	3								attnd to.
8	3								
9	3								
10	3								
11	3								
12	3		N E	S E					37 days out.
1	3								
2	3								
3	3								Worship at 8 30 am.
4	3		N E by E	S E by S					
5	3		"	"					
6	3		N E by N	S E by E					
7	3		"						
8	3		"						
9	3		South	S E					
10	3		"						
11	3								
12	3		South	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 76° E	64	16	64.3	40-48	40-48		84	148-38	148-38

Journal from Honolulu T. I. towards Chila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 22 day of March 1909
1	4		E 1/2 N	SSE					Light rain showers & light Tr.
2	4								moderate wind.
3	4								all sail set.
4	4								Wind from SSE to. SSW.
5	4								
6	4								
7	4								Employed scraping top mid ship
8	4		E 1/4 S	South					house.
9	4								
10	4								Pumps lights & look out
11	4								attnd to.
12	4								
1	4								
2	4								
3	4			South					39 days out.
4	4								
5	5								5 bbl. Flour.
6	5								3 " Beef.
7	5		E 1/4 S	SSW					1 " Pork.
8	5								
9	5								
10	5								
11	5								
12	5								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° E	104	.04	103.4	41-10	41-10		137	146-36	146-36

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 21 day of March
1	2		SW by S	S E					Light bafl. airs SE to SSE
2	2								Overcast sky
3	2								all sail set.
4	2								
5	2								
6	2								
7	3								Pumps lights lookout
8	3		Ditto	"					attnd to.
9	3								
10	3								Wore ship at 4 am
11	3								
12	3		Ditto	"					
1	3								
2	3								38 days out.
3	3								
4	3		NE by E	SSE					
5	3								
6	3								
7	3								
8	2		Ditto	"					
9	2								
10	2								
11	2								
12	2		Ditto	"					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 33° W	20	16.3	11.1	41-07	41-06.		15	148-53	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 23 day of March 1909
1	6		E 1/2 S	SSW					Mod. & overcast & light. mist
2	6								squalls
3	6								all sail set.
4	6								Heavy Southerly swell
5	6								
6	6								
7	6								Employed scraping top
8	7		E 1/2 S	SSW					mid ship house
9	7								
10	7								
11	7								
12	7								Pumps lights & lookout
1	7								attnd to.
2	6								
3	6								
4	6		E 1/2 S	SSW					40 days out
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		E 1/2 S	SSW					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84 E	150	14.7	149.3	41-25	—	1.2 E	198	143-18	

Journal from Honolulu H.I. towards Phila Pa.

Wednesday 24 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		E 1/8 S	S S W					Light S S W to S W and overcast & light mist squalls. all sail set.
2	3								
3	3								
4	3								
5	3								
6	3								
7	4								Employed scraping to midship house
8	4								
9	4								
10	4								
11	4								Pumps lights & lookout attd to.
12	4		E 1/8 S	S S W					
1	4								
2	4								
3	4								Still have southerly swell
4	4								
5	4								
6	4								
7	4								41 days out
8	4		E 1/8 S	S W by S					
9	4								
10	4								
11	4								
12	4		E 1/4 S	S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 89° E	90	2	90.0	41-27	41-27	13° E	120	141-18	141-18

Thursday 25 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		E 1/4 S	S W					Moderate & squally S W to S S E all sail set.
2	5								
3	5								
4	5								
5	5								
6	5		East 1/4 S	S S W					Moderate S S E swell
7	5								
8	5								Employed cleaning iron rust.
9	5								
10	6								
11	6								
12	6		East	S S E					Pumps lights & look out attd to.
1	6								
2	6								
3	6								
4	6								
5	6		East.	S S E					
6	6								
7	6								
8	6		E 1/4 S						42 days out
9	6								
10	6								
11	6		East.	S S E					
12	6		"						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° E	135	6	134.8	41-33	41-33	13 E	178	138-20	—

Journal from Honolulu H.I. towards Phila Pa.

Friday 26 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E 1/4 S	S S E					Light S S E to South to S S W all sail set.
2	7								
3	7								
4	7		E 1/4 S	South					Heavy South swell running Employed cleaning paint.
5	7								
6	7								
7	7		E 3/4 S	S S W					
8	7								
9	7								Pumps lights & lookout attd to.
10	7								
11	7								
12	7		E 3/4 S	S S W					Gave top midship house a thin coat of paint
1	7								
2	7								
3	7								43 days out.
4	7								
5	7								
6	7								
7	8								
8	8		E 1/4 S	S S W					
9	7								
10	7								
11	7								
12	7		E 1/4 S	S S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 81° E	170	28	169.4	42-01	42-01	13 E	228	134°-32	134-32

Saturday 27 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	9		E 1/2 S	S S W					Strong S S W to S W. with squalls & light rain
2	9								
3	9								
4	9								Made Royals fast at 6 am and Jib Jungalzails at. 11 am very big sea rolling up from S S W
5	9								
6	9								
7	9								
8	9			S W					
9	9								Var. employed.
10	9								
11	9								
12	9		E 1/2 S						Pumps lights & look out attd to.
1	9								
2	9								
3	9								
4	9			S W					
5	9								
6	10								
7	10								44 days out
8	10								
9	10								
10	9								
11	9								
12	9		E 1/2 S	S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	220	21.6	21.8.9	42-23	42-25	13 E	293	129-39	

Journal from Honolulu T.H. towards Chila Ca

Sunday 28 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		E 1/4 S	S W					Strong S S W to a moderate gale first part moderating latter and setting all sail
2	6								
3	6								
4	6		East.	S S W					
5	6								
6	6								
7	7		E 1/2 N	"					Fore upper topsail split bent new one Heavy S S W swell
8	7								
9	7								
10	7								
11	7								
12	7		East.	"					
1	7								Pumps lights & lookout attnd to.
2	7								
3	7								
4	7								
5	7		E 1/2 N	"					
6	7								
7	7								45 days out
8	7								From T.I.
9	7								1st Watch 3 - 3
10	7		East.	"					2 " 1 - 5
11	7								3 " 6 - 10
12	7								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 88° E	162	5	162.7	2/2-20	42-20	13 E	219	126-00	

Monday 29 day of March

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E 3/4 S	S W					Moderate S S W to W S W overcast. all sail set. Variously employed
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7		E 3/4 S	S W by W					S S W sea going down some
9	7								
10	7								
11	7								
12	7								3 cent new fore royal old one carried away
1	7								
2	7								Bbls used science leaving
3	7			W S W					Flour 6 Bbl
4	7								Bread 4 Boxes
5	8								Pork 2 Cask
6	6								Beef 6 Beef
7	6								
8	6		E 3/4 S						46 days out
9	6								
10	6								
11	6								
12	6		E 3/4 S	W S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 81° E	160	23	158.3.	42-43	42-43	13 E	213	122-27	

Journal from Honolulu T.H. towards Chila. Ca.

Tuesday 30 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		E 1/4 S	S W					Fine + moderate S W to W S W with heavy mist squalls. heavy South sea rolling up. all sail set.
2	6								
3	6								
4	6								
5	6								
6	6								
7	6		S E	West.					Vain employed.
8	6								
9	6								
10	6								
11	6								Pumps lights + lookout attd to.
12	6		S E	W N W					
1	6								
2	6								
3	6								47 days out.
4	6								
5	6		S E by E	W N W					
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		S E by E	W N W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 58° E	143	76	121.6	43-59	43-59	13° E	165	119-42	119-42

Wensday 31 day of March 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E 1/						Fine + fresh W N W to N W Made royals fast. Rain squalls.
2	7		S E by E 1/2 E	W N W					
3	7								
4	7								
5	7								
6	7		E S E	W N W					Var. employed.
7	7								
8	7		E 1/2 S	N W					Still have heavy South sea
9	7								
10	7								
11	7								
12	7		E 1/2 S	N W					Pumps lights + lookout attnd to.
1	7								
2	7								
3	7								48 days out.
4	7								
5	7		E 1/2 S	N W					
6	7								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		E by S	N W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 73° E	174	51	166.4	44-50	44-50	13 E	231	115-51	

Journal from Honolulu T. I. towards Phila. Pa.

Thursday 1st day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E by S 1/4 S	N W					Overcast and rain showers moderate W N W heavy S W sea Set Royals all sail set.
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								Var. employed.
9	7								
10	7								
11	7								
12	7		E by S 1/4 S	W N W					Cumps lights + lookout attd to.
1	6								
2	6								
3	6								
4	6								49 days out.
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								Johnson coming around all right.
11	6		E by S 1/4 S	W N W				29.24	
12	6								

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 75° E	156	40	150.6	45-30	45-30	18° E	213	112-18	112-18

Friday 2 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E by S 1/4 S	N W					Clear and fresh breeze. made Royals fast at 3 P.M. at 5 P.M wind hauled from N W to W by S W. Made crossjack + mainsail fast at 6 P.M. Very heavy S W sea
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		E by S 1/4 S	N W					Wind increasing made Up. gal sails fast. at 11 am
1	7								
2	7								
3	7								
4	7								
5	7			W S W					Moderate gale
6	7								
7	7								
8	7								
9	7								Cumps lights + lookout attd to.
10	7								
11	7								50 days out
12	7		E by S 1/4 S	W S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 76° E	168	41	163	46-11	46-11	19° E	226	108-32	

Journal from Honolulu T. I. towards Phila. Pa.

Saturday 3 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		E 1/2 S	~~W W~~ S W	Log	86		29.34	Fine + clear with heavy squalls wind increasing made fore + miz lower gal sail fast. at 2 PM
2	8								
3	8								
4	8							29.38	
5	8								
6	8								at. 4 P.M. made main lower gal sail fast. and fore + miz up. top sail fast. (gale) heavy hail squalls + rain
7	8								
8	8		E 1/2 S	S W				29.40	
9	8								
10	8								
11	8								
12	8			West.	Log	90		29.46	Wind hauled from S W to West. at. 11.30 P.M.
1	8								
2	8								heavy Lightning in westward + am gale West. took in main Up. T'gallant, 6 am moderating and hauling toward S W set main Up. T'gallant again. heavy S W sea
3	8								
4	8		E 1/2 S	"				29.42	
5	8								
6	8								
7	8								
8	8			W S W				29.54	Set main lower gal. sail at. 10 am
9	8								
10	8								Var. employed.
11	8								
12	8		E 1/2 S	W by N	Log	93		29.54	Cumps lights + lookout attd to.
									51 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 83° E	192	22	190.6	46-32	46-36	19° E	265	104-07	104-07

Sunday 4 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E by S	W by N	Log	93		29.54	Clear + squally + furh. wind hauled from W by N to W by S
2	7								
3	7			W by S					
4	7							29.54	
5	7								Squally and clear at 8 P.M. made main lower gal sail fast
6	7								
7	7								
8	7		E by S	W by S				29.50	Moderating
9	7								
10	7								
11	7								
12	7			W by S	Log	92			Set Main Lower gal sail
1	7								
2	7								
3	7								Set. Fore + miz. top sails Lower + Up. gal sails
4	7		E by S					29.46	
5	7			W S W					10 am wind light. and hauling to West.
6	7								
7	7								
8	7			"					Wind backing again to W S W at. 11 am
9	7								
10	7			West					Cumps lights - lookout attd to
11	7								
12	7		E by S	West.	Log	90		29.38	5 1/2 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° E	168	33	164.8	47-05	47.05	21° E	225	100-22	

Journal from Honolulu T. I. towards Phila Pa.

Monday 5th day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E by S 1/4 S	West.	Log	70		29.38	Fresh + strong hail squalls mod-at 6 PM. wind hauling to S S W and freshning fine + clear.
2	7								
3	7								
4	7								
5	7								
6	7			S S W					
7	7								
8	7		E by S 1/4 S					29.48	set. Mainsail + Cross jacks at. 1 stiff freshning made Upper gal. sails + flying jib fast.
9	7								
10	7								
11	8								
12	8				Log	66			
1	8								
2	8								
3	8								Variously employed
4	8		E by S 1/4 S	S by W				29.58	
5	8								
6	8								
7	8								
8	8								Pumps lights + lookout attd to. From Hon. 1 - 8 - 6 2 - 1 - 5 3 - 3 - 3. Fresh Water
9	8								
10	8								
11	8								
12	8		E by S 1/4 S	S W.	Log	76		29.66	53 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 77° E	182	41	177.7	47-46	47-46	22° E	243	96-19	96-19

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		E S E	S W	Log	76		29.66	Tuesday 6 day of April 1909
2	8								Fresh + squally + hail first part latter clear + mod
3	8								
4	8							29.70	
5	8								W S W Upper gal sails + at 4 PM main royal set + flying jib
6	8								
7	8								
8	8		E S E	S W				29.80	Wind hauling westward at 9 PM
9	7								
10	7								
11	7								all sail set. Mod + fine + clear.
12	7				Log	13		29.82	
1	7								
2	7								Vari employed
3	7								
4	7		E S E	W S W					
5	7								Pumps lights + lookout
6	7							29.82	
7	7								attd to.
8	7								
9	7								
10	7								54 days out
11	7								
12	7		S E 1/2 E	W S W	Log	80		29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 68° E	176	67.4	162.6	48-53	48-53	22° E	216	92-43	

Journal from Honolulu T. I. towards Phila. Pa.

Wensday 7 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		S E 3/4 E	West.	Log	80		29.84	Fine + clear first part. and mod all sail set.
2	8								
3	8			W by N					At. 6 PM wind hauling W N W and freshning made main sail + fore + main royals fast. at. 9 PM made
4	8								
5	8			W N W					
6	8								
7	8								
8	8		S E 3/4 E	W N W				29.78	Cross jack + mizz royal fast. Raining + overcast.
9	8								
10	8								
11	8								
12	8			"	Log	81		29.72	At. 4 am wind backed into W S W fine clear + mod. set. all sail Pumps lights + lookout attd to.
1	8								
2	8								
3	8								
4	8		S E 3/4 E	W S W					Variously employed
5	8							29.72	
6	8								
7	8 9								J Johnson getting better
8	8 9			W S W				29.74	Flour 7 Bbl. sence leaving
9	8 9								Pork 2
10	8 9								Beef 6
11	8 9								Bread 4
12	8 9		S E 3/4 E	W S W	Log	79		29.82	55 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 54° E	202	120	162.4	50-53	50-53	23° E	212	89-11	89-11

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S E by E	W S W	Log	79		29.82	Thursday 8 day of April 1909
2	6								
3	6			S W					Fine + clear a perfect day wind S W all sail set.
4	6			"				29.86	
5	6								4-8 Clear, + fine all sail set. light. S W.
6	6								
7	6								
8	6			S W				29.90	8-4 Very light + fine
9	6								
10	6								
11	6								4-12 Light S W breze all sail set. Overcast. No Observation
12	6		S E by E	S W				29.98	
1	6								
2	6								
3	6								
4	6			"				29. 30.00	
5	6								Pumps lights + lookout
6	6								
7	6								attd to.
8	6			"				30.10	
9	5								
10	5								56 days out.
11	5								
12	5		S E by E	"	Log	31		30.12	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 58° E	140	77.8	116.4	52-11	——	24° E	189	86-02	

Journal from Honolulu T. I. towards Chila. Ca

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 9 day of April 1909
1	5		SEbyE	SW	Log	31		30.12	Fine light. SW and overcast
2	5								
3	5								
4	5							30.12	Large SW & South swell rolling up.
5	6								
6	6								all sail set
7	6								
8	6							30.14	Variously employed
9	6								
10	6								
11	6								
12	6		SEbyE	SW				30.14	Pumps lights & lookout attd to.
1	6								
2	6								
3	6								
4	6							30.14	57 days out.
5	6								
6	6								
7	6								
8	6							30.16	
9	6								
10	6								
11	6								
12	6		SEbyE	SW	Log	71		30.16	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 58° E	130	72.2	108.1	53-23	53-27	23° E	180	83-02	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 10 day of April 1909
1	4		ESE	SW	Log	71		30.16	Fine & light. SW to WSW very large SW sea clear.
2	4								
3	4			WSW					
4	4							30.14	
5	4								
6	4								
7	4								
8	4			WSW				30.10	with light mist squalls 12 = all sail set = 8
9	4								8-12-4
10	4								Clear with light mist squalls and very light WSW heavy SW sea
11	4								
12	4		"	Ditto	Log	37		30.10	
1	4								4-12
2	4								Light. SW airs and calm
3	4								
4	4			"				30.08	Sea going down
5	4								
6	4								
7	4								Pumps lights & lookout attd to.
8	4								
9	4								
10	4								58 days out
11	4								
12	2		"		Log	70		30.06	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 67° E	94	36.0	86.8	54-03	54-03	23° E	145	80-37	

Journal from Honolulu T. I. towards Chila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 11 day of April 1909
1	2		E½N	SSE	Log	70		30.06	Fine & overcast. calm and light SE airs
2	2								
3	2								
4	2			SE				30.04	
5	1								12 to 12 light baffling airs from SE to SSE & calm.
6	1								
7	1								overcast.
8	1			SE				30.00	
9	2								12 to 4 light. SE to SSE
10	2								& calm.
11	2								
12	2		E½N	SSE	Log	86		29.96	4-12 Calm & light baffling airs
1	1								
2	1								
3	1								Johnson getting OK
4	1			"				29.94	
5	1								Pumps lights & lookout attd to.
6	1								
7	1								
8	1			SE				29.92	ft. in. 1 - 3-3 2 - 1-5 3 - 10-4 = 8ft 6in left in Tank
9	2								from Top.
10	2								
11	2			SSE					
12	2		E½N	"	Log	15		29.88	59 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	35	3	34.1	54-00	54-00	22° E	58	79-39	79-39

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 12 day of April 1909
1	1		Calm	SSE to East. to North to NW	Log	15		29.88	Calm. & baffling airs 12 to 4 SE to ESE
2	1								
3	1								
4	1							29.86	
5	1								6 PM light. NW to 12 Midnight.
6	1								12-4 increasing very little
7	2		ESE	NW				29.84	overcast.
8	1								all sail set.
9	2								
10	1								
11	2								12 to 12
12	2		ESE	NW	Log	27		29.80	Overcast. and NW increasing all sail set.
1	4								No Obs.
2	4								
3	4								
4	4			NW				29.76	
5	4								Pumps lights & lookout attd to.
6	4								
7	5								
8	5		ESE					29.70	60 days out.
9	5								
10	5								
11	5								
12	5		ESE	NW	Log	91		29.66	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 67° E	70	26.8	64.7	54-27	None	24° E	110	77-49	

Journal from Honolulu H. I. towards Chiba Ja

Tuesday 13 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		ESE	NW	Log	91		29.66	Moderate to fresh NW made Royals + mainsail fast. at 4 P.M. (Misty)
2	6								
3	6								
4	6							29.60	
5	6								
6	6								9.30 wind changed NW to West moderating 8 to 12
7	6								
8	7		ESE	NW				29.56	
9	7								
10	7			West					12-to-8-12 steady Barometer and part overcast. all sail set. moderate West wind
11	7								
12	7			Ditto	Log	88		29.58	
1	7								Variously employed
2	7								
3	7								
4	7		ESE	West.				29.58	
5	7								Flour 8 Obls. used since leaving
6	7								Bread 4
7	7								Pork 2
8	7							29.58	Beef 6
9	7								Salmon 1
10	7								61 days out.
11	7								
12	7		ESE	West.	Log	72		29.58	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 66°E	160	66	147.4	55-33	55-33	23°E	257	73-42	

Wensday 14 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		E by S½S		Log	72		29.58	Moderate West. and part
2	3								12-4 cloudy + fine
3	3			All					all sail set.
4	3							29.58	
5	3			round					4-12=
6	3								light baffling airs from S W
7	3			Compass					to SSW to OSE to NE
8	4							29.58	all sail set.
9	4								Bar. falling fast.
10	4								
11	4								Made land. Hosta Isl.
12	4		E by S½S		Log	20		29.58	
1	4								Variously employed
2	4								
3	4			All					Pumps lights lookout
4	4							29.50	called to.
5	4			round					
6	4								62 days out
7	3			Compass					
8	3							29.46	
9	3								
10	3								
11	3								
12	3		E by S½S		Log	73		29.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 75°E	83	21	80.5	55-54	—	23E	144	71-00	

Journal from Honolulu H.I. towards Chiba. Ja.

Thursday 15 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		SE	NNE	Log	73		29.20	Begins with light. NNE raining and freshings
2	4								M Lde Royals Up. Sal. sails
3	4								
4	4		"	ENE				29.00	fast.
5	4								
6	4							28.88	At 4PM wind increasing
7	4								and Bar. falling very fast.
8	5		"					28.80	made Iower gal. and fore + ring
9	5		"						Up. topsail + mainsail + cross jacks
10	5		E½S	NW					fast. (with rain.
11	5		"						
12	6		E½S		Log	27	~~27~~	28.78	4-8 Wind backing to ENE heavy rain
1	6		"						
2	6		"						8-12 Wind moderating with
3	6		"						heavy rain and shifting to NW
4	6		E½S	NW				28.68	12-4 Ditto NW Gale
5	6		ENE						4-8 " NW "
6	6								8-12 " "
7	6								
8	6		ENE	NW				28.58	Steamer passed during 4-8 watch
9	6								steering East.
10	6								Pumps lights + Look out
11	6								called to.
12	6		ENE	NW	Log	107		28.50	63 days out. To Cape Town =5 hours.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 60°E	109	55	93.5	56-49	None	22°E	166	68-14	None

Friday 16 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		E 3/4 N	NW	Log	107		28.50	NW gale under Main Up. Topsail
2	6								+ foresail + lower Topsails
3	6								+ fore and aft. sail
4	6			NW	"	39		28.44	glass still falling fast. 12-4
5	6								
6	6								4-8 Ditto
7	6								8-12 "
8	6		E 3/4 N	NW	"	68		28.34	12-4 "
9	6								4-8= at 7 am wind hauld West.
10	6								set. Fore + main upper Topsails
11	6								and at 10 am set 3 lower gal. sails
12	6			NW	Log	91		28.30	
1	6								Variously employed
2	6								
3	6								
4	6		E 3/4 N	NW	"	14		28.20	Pumps lights + lookout
5	6								called to.
6	6								
7	6			West.					
8	6				"	41		28.22	64 days out.
9	6								
10	6								
11	6								
12	6		E 3/4 N	West.	Log	67		28.26	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 81°E	144	21	142.4	56-28	56-30	19°E	252	64-02	—

Journal from Honolulu H. I. towards Phila. Pa

Saturday 17 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		N E	West.	Log	67		28.26	
2	8								12 Fresh West with light mist 4
3	8								
4	8		"	"	"	97		28.34	4 to 8 Same.
5	8								
6	8								8 to 12 Freshning & hauling to the
7	8								S W at 6 P M at 10.30
8	8		"	"	"	25		28.40	made 3 Lower gal sails and 3 Up. Topsails
9	8								fast. big sea running.
10	8			S W					Steady gale
11	8								
12	8		"	"				28.60	12-4 Very hard gale S W
1	8								large sea running
2	8								and heavy rains & Hail
3	8								4 to 8 Moderating somewhat.
4	8		"	"				28.70	
5	8								8 to 12 Still Mod. set Main Up. Top
6	8								sail
7	8								
8	8		"	"		48		28.86	Pumps lights lookout
9	9								attd to.
10	8								
11	8								65 days out.
12	8		"	"		79		29.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 46° E	193	138.5	135.0	54-12 S		17° E	230	60-12	—

Sunday 18 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		N E by E	S W	Log	79		29.00	Moderating and clear set.
2	7								fore & mizz Up. topsail and
3	7								main lower gal. sail
4	7		"	S W.		02 06	Changed Courses	29.12	at 2 P M set fore lower gal sail
5	7								
6	7								
7	7							29.16	8-12 Freshning took in lower
8	7		N E by E	W S W				29.00	gal sails & flying jib
9	7								
10	7								12-4 Mod. gale. Raining
11	7								
12	7		"	N W	Log	50		28.90	4-8 Mod. somewhat. Still.
1	6								
2	6								8-12 - set main lower gal sail
3	6								& flying jib
4	6		N E by E	N W				28.70	
5	6								Pumps lights & lookout
6	6								called to.
7	6								
8	6		"	"				28.60	
9	6								
10	6								66 days out.
11	6								
12	6		N E by E	N W	Log	31		28.40	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 58° E	156	83	131.2	52.49	52.49	15° E	218	56-34	56-34

Journal from Honolulu H. I. towards Phila. Pa.

Monday 19 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		N E by N	N W	Log	31		28.40	
2	7								Moderate N W & squally till
3	7								10 A M thence fresh & squally
4	7		"	"				28.30	increasing to a hard S W
5	7								gale with Snow & hail squalls
6	7								running with Main Up. & 3 lower
7	7								topsails & foresail
8	7		"	"				28.20	Very large sea from S W and
9	7								N N W.
10	7			S W					Plenty water on deck
11	7								Flour 8 Bbls used since leaving
12	7		"	"	"	06		28.24	Bread 5 —
1	7								Pork 2 —
2	7								Beef 6 —
3	7								Fresh Water
4	7		"	"				28.40	F. Tank. 3 ft - 3 in from Top.
5	8								M. " 1 - 5 —
6	8								A. " 11 - 10 —
7	8								
8	8		"	"				28.70	Pumps lights & lookout
9	8								called to.
10	8								
11	8								67 days out.
12	8		"	"	Log	16		28.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33° E	175	147	95.0	50-22	50-22	14° E	151	54°-03	54-03

Tuesday 20 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		N E 3/4 N	S W	Log	16		28.90	
2	8								A very hard gale S W throughout
3	8								entire night. & very large sea
4	8		"	"				29.00	running
5	8								Fore-noon moderating and sea
6	8								going down
7	8								Set. all topsails gal sails
8	8		"	"				29.14	fore & main & mizz. Up. gal. sails
9	8								
10	8								
11	8								Cross jack & main sail
12	8		N E 3/4 N	"	Log	25		29.16	& all fore & aft sail
1	8								
2	8								Pumps lights & lookout
3	9								called to.
4	9		"	S W				29.24	
5	9								Flour 9 Bbls since leaving
6	9				Log				Bread 5 "
7	9				Lost from				Pork 2 "
8	9		"	"				29.30	Beef 6 "
9	9								
10	9			West					68 days out.
11	8								
12	8		N E 3/4 N	W N W				29.38	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 36° E	200	162	117.6	47-40	47-40	12° E	180	51-03	

Journal from Honolulu H. I. towards Phila. Pa.

Wenesday 21st day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	10		NE¼E	WNW				29.38	Moderate to fresh. W N W Up. gal sails Mainsail + Cross jack set.
2	10								
3	10								
4	10			"				29.38	
5	10								At. 11 PM took in 3 Up. gal sails and flying jib
6	10								
7	10								At. 12.30 fore + mizz lower gal.
8	10		NE¼E	"				29.34	" 1.30 Cross jack + mainsail and main lower gal sail
9	10								
10	10								
11	11								At. 4 am Moderating setting
12	11			WNW				29.26	3 lower gal sails
1	10								
2	10							29.24	At. 8 am set Cross jacks
3	10								Main sail and 3 Up. gal sails
4	10		NE¼E	"				29.26	
5	10								Cumps lights + lookout
6	10								attd to.
7	10								
8	10			West				29.30	
9	10								
10	10								69 days out
11	10								
12	10		NE¼E	West				29.40	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 48° E	242	163	179.2	44-57	44-57	11° E	258	46°-45'	46-45

Thursday 22 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		NE	West.				29.40	Light. W b W + light mist
2	6			"					12-4
3	6			W S W					
4	6		"	"				29.44	4-8 light W N W + mist
5	6								8-12 " N W + "
6	6								12-4 " " + "
7	6			"					4-8 Mod. West. clear
8	6		"	N W				29.52	8-12 " W S W "
9	6								
10	6								Noon fresh. + fine + clear
11	6								weather Upper gal sails set.
12	6		NE	"				29.46	
1	6								Employed cleaning paint
2	6								
3	6								
4	6		"	N W				29.44	Cumps lights + lookout
5	7								attd to.
6	7								
7	7							29.50	
8	7		"	West.				"	
9	7								70 days out.
10	7								
11	7								
12	7		NE	W S W				29.56	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° E	152	107.5	107.5	43-10	43-10	9° E	149	44°-16' W	

Journal from Honolulu H. I. towards Phila. Pa.

Friday 23 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N by E½ E	W S W				29.56	Fine + clear. light. S W to.
2	4								N N W.
3	4								
4	4			"				29.60	all sail set.
5	5								Large S W sea rolling up
6	5								
7	5								
8	5			S W				29.64	Employed washing paint.
9	5								
10	5								Bent. + set. gallant staysails
11	5								
12	5		N by E½ E	S W				29.70	
1	5								
2	5								Cumps lights + lookout.
3	4								
4	4			S W				29.76	attd to.
5	4								
6	4								
7	4								
8	4			N W				29.80	
9	4								71 days out.
10	4								
11	5								
12	5		N by E½ E	N N W				29.92	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° E	108	104	29.7	41-26	41-26	9° E	40	43-36	43-36

Saturday 24 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		NE½ E	N N W				29.92	Fine + clear. perfect weather
2	6								Light. to moderate
3	6								
4	6							29.92	N N W to N W by N.
5	6								
6	6								all sail set.
7	6								
8	6		NE½ E	N N W				29.92	Employed washing paint
9	6								
10	6								
11	6								
12	6							29.94	Cumps lights + lookout
1	6								
2	6								attd to.
3	6								
4	6		NE½ E	N W by N				29.94	
5	6								Johnson arm is in fine
6	7								condition
7	7								
8	7							29.96	72 days out
9	7								
10	7								
11	7								
12	7		NE½ E	N W by N				29.98	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51° E	151	95.8	116.7	39-50	39-50	2° E	152	41-04	

Journal from Honolulu H. I. towards Chila. Ca.

Sunday 25 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		NE 3/4 E	NNW				29.98	Fine + very light.
2	5								N W W to North
3	5								a very heavy dew during
4	5								night.
5	5								
6	5								all sail set.
7	5								
8	5		NE 3/4 E	NNW				29.98	
9	5								
10	5								Pumps lights + lookout
11	5								
12	5								attd to.
1	5								
2	5								
3	5								
4	5		NE 3/4 E	NNW				30.00	
5	5			North					
6	5								
7	5								73 days out.
8	5			North					
9	5								
10	5								
11	5								
12	5		NE 3/4 E	North				30.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 53° E	120	72	96.4	38-38	38-38	0 —	124	39-00	39-00

Monday day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		E by S	NNE				30.00	Fine + light. NNE
2	2		"	"					Wore ship at 4 PM. overcast.
3	2		"	"					Made Royals gal staysails
4	2		"	"					and gib topsail fast. 10 am
5	2		NW by N 1/2 N	NE by N				29.90	a short. choppy North sea
6	2		"	"					
7	2		"	"					
8	2		"	"				29.80	Employed washing paint
9	4		North	EAST					
10	4		"	"					
11	4		"	"					
12	4		"	"					Johnson working
1	4		"	"				29.76	arm. O.K.
2	4		"	"					
3	4		N by E	ESE					Fresh Water Tank 1= 3 ft. -8 in from top
4	4		"	"					2= 1 - 5"
5	5		"	"				29.70	3= 13 - 6"
6	5		"	"					
7	5		NNE	SE					
8	5		"	"					Pumps lights + lookout
9	5		"	"				29.62	
10	5		"	"					attd to
11	5		"	"					
12	5		"	"				29.60	74 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 14° E	78	75	19.0	37-23	—	0 —	24	38-36	

Journal from Honolulu H. I. towards Chila. Ca.

Tuesday 27 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		N by E 1/4 E	SE				29.60	Overcast. and rain glass
2	6								falling
3	6								
4	6		"	"				29.56	
5	6								Made Upper gal. sails + flying
6	6								jib fast. at. 2 P.M.
7	6							29.52	5.30 PM Mainsail + cross jack
8	6		N by E 1/4 E	"				"	Fore + mig lower gal. sail
9	6								North sea. gone down and an
10	6			S by E					easterly sea getting up
11	6			"					
12	6			"				29.48	2 am made main lower gal sail
1	6			South					fast.
2	7			"					
3	7			"					7 am moderating and set.
4	7		N by E 1/4 E	"				29.46	3 lower gal. sails
5	7			S S W					9 am set main Up. gal sail
6	7			"					fine + clear. Mod S W gale
7	7			"					
8	7			"				29.52	
9	7			"					Pumps lights + lookout
10	7			"					attd to.
11	7			"					
12	7		N by E 1/4 E	S S W				29.56	75 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 14° E	155	150	36.4	34-53	34-53	3° W	45	37-51	37-51

Wensday 28 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		N	S S W				29.56	
2	7		N by E 3/4 E						Moderating + fine + clear
3	7								at. 2. PM set. fore + mig
4	7		"	S W					Up. gal sails
5	7							29.60	Sat. 7 P.M. set 3 Royals
6	7								
7	7								Fine + clear throughout the
8	7		"	S W					night. S W wind
9	7								Day break. wind hauling
10	7								South + set all fore + aft
11	7		N by E 3/4 E						sail
12	7			S W				29.70	Noon fine + clear S S E
1	7								all sail set.
2	7								
3	6								
4	6		"	"				29.76	Pumps + lights + lookout
5	6								attd to.
6	6								
7	6								From 10 Bbls used since leaving
8	7		"	South				29.80	Bread 5
9	7								Pork 2
10	7								Beef 6
11	8		N by E 3/4 E						
12	8			S S E				29.90	76 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 36° E	165	155	55.4	32-28	32-28	7° W.	65	36-46	

Journal from Honolulu H. I. towards Phila. Pa.

Thursday 29 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		NE	SE				29.90	
2	7								Begins fine & mod. all sail set.
3	7								Run down equally made jib topsail
4	7							29.96	gaff topsail & jigger topmast staysail
5	7								fast.
6	7								still squally at midnight.
7	7								made royals fast.
8	7		NE	SE				29.96	
9	8								Day break. moderate & fine
10	8								set all sail
11	8								
12	8							30.00	
1	8								Noon fine & clear SE
2	8								all sail set.
3	8								
4	8		NE	SE				30.00	Employed cleaning
5	8								ship
6	8								
7	8								Cramps lights & lookout
8	8							30.06	attd to.
9	8								
10	8								
11	8								77 days out.
12	8		NE	SE				30.10	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° E	184	130.1	130.1	30-18	30-18	10° W	152	34-13	34-13

Friday 30 day of April 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	8		NE by N	SE				30.10	
2	8								Fine & moderate SE to SSE
3	6								all sail set
4	6			SSE				30.10	
5	6								8-12 A little squally made
6	6								jib topsail gaff topsail &
7	6								jigger topmast staysail fast.
8	6			SSE				30.04	4-8 E Fine & set all light sail
9	6								
10	6								
11	6								
12	6		NE by N	SSE				29.98	Noon fine & mod. to light.
1	6								all sail set.
2	6								
3	6								Employed cleaning ship
4	6			"				29.98	
5	6								
6	6								Cramps lights & lookout
7	6								attd to
8	6			SE					
9	6								
10	6								78 days out
11	6								
12	6		NE by N	SE				29.96	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 34° E	150	125	83.3	28-13	28-13	10° W	95	32.38	

Journal from Honolulu H. I. towards Phila. Pa.

Saturday 1st day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		NE by N ½ N	SE				29.96	
2	4								Fine light. SE & E east.
3	4								
4	4								and calms.
5	4								
6	4								Employed attending sail
7	4								
8	4							29.96	
9	4								Cramps lights & lookout
10	4								
11	4								attd to.
12	4		NE by N ½ N	East.					
1	4								
2	4								
3	4								79 days out.
4	4							29.98	
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		NE by N ½ N	East.				29.98	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 25° E	101	92	41.9	26-51	26-51	10° W	47	31-51	31-51

Sunday 2nd day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	1		NNE	East.				29.98	
2	1			&					Fine & clear.
3	1								
4	1			Calm					Calms & light. SE to E east.
5	1								
6	1								all sail set.
7	1								
8	1								
9	1								
10	1								Cramps lights & lookout
11	1								
12	1		NE	SE				29.94	attd to.
1	1			&					
2	1								
3	1			Calm					
4	1								
5	1								
6	1								
7	1								80 days out
8	1								
9	1			Do do					
10	1								
11	1								
12	1		NNE					29.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° E	24	22	9.8	26-29	26.29	10° W	11	31-40	31-40

Journal from Honolulu H. I. towards Phila Ca

Monday 3d day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	/		North	Light.				29.90	Fine + clear.
2	/								Light. SSE to ESE airs
3	/								+ calm
4	/		North	ESE to SSE					
5	/								all sail set.
6	/								
7	/								
8	/							29.94	Painting mast. + var.
9	/								employed
10	/								cleaning ship
11	/			Light & Calms					
12	/		North						
1	/								Cmnps lights + lookout
2	/								attd to.
3	/								
4	/				Westerly			29.94	
5	/				current				Fresh Water
6	/								No 1 Tank. 3ft 3 in from top
7	/								No 2 1 - 5 in
8	/								No 3 15 ft.
9	2				allowed				Used service leaving
10	2				about				
11	2								81 days out.
12	2		North		20 miles			29.96	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
North	28	28	—	26-01	26-01	11° E	0	31-40	31-40

Tuesday 4 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		NNE	SSE				29.96	Light + fine + clear.
2	2								from SSE to NE
3	2								all sail set.
4	2		"						
5	2								
6	2								
7	2								
8	2		"	SSE				29.96	Painting mast + var. employed
9	2		NbyW½W	NEbyE					
10	2								cleaning ship
11	2								
12	2		"	"					
1	2								
2	2								
3	2								
4	2		"	"				29.98	Cmnps light + lookout
5	/		NWbyN½N	NE					attd to.
6	/								
7	/								1 Bbl of Bread
8	/		"	"					
9	/								82 days out.
10	/								
11	/								
12	/		"	NE				29.98	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 30 W	37	37	2.3	25.24	25.24	11° W	3	31.43	

Journal from Honolulu H. I. towards Phila. Ca.

Wensday 5th day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		E by N	North				29.98	Cloudy + fine =
2	3								Moderate + squally wind
3	3								
4	3								
5	3								North. Royals + light staysails
6	3								fast.
7	3								
8	3							29.96	
9	3								More-ship. at. 10 P.M.
10	3								
11	3								
12	4		E by N	North					Var. employed
1	4								
2	4								
3	4								
4	4							29.94	Cmnps lights + lookout
5	4								attd to.
6	4								
7	4								
8	4								
9	4								83 days out.
10	4								
11	4								
12	4		E by N	North				29.92	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 80° E	85	15	83.4	25-08	25-08	12° W	92	30-08	30-08

Thursday 6th day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		NEbyE½E	NNW				29.94	Moderate to light. baft.
2	4								NNW to North.
3	4								
4	4								all sail set.
5	4								
6	4								
7	4								
8	5								
9	5		"						Var. employed
10	5		NEbyE½E	NNW.					cleaning ship
11	5								Flour 1 Bbl used since leaving
12	5							29.86	Bread 6 "
1	5								Pork 2 "
2	5								Beef 6 "
3	5								
4	5		"						Cmnps lights + lookout
5	5		EbyN¾N	North					attd to.
6	5								
7	5								84 days out.
8	5							29.80	
9	5								
10	5								
11	5								
12	5		EbyN¾N	North				29.78	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 70° E	43	14.6	9.8	24-30	24-31	13° W	489	28-30	

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Friday 7th day of May 1909
1	2		E½N	North				29.78	First part of this day begins
2	2								with light. North till 4 P.M.
3	2								thence hauling West &
4	2		"	"					very light. Heavy rain showers
5	4		NNE	WNW					
6	4								8.30 P.M. Squally took in
7	4								Royals & light. stay sails
8	4								wind hauling WNW
9	4								and Rain
10	4								
11	4								7 am mod & overcast
12	4		"	"				29.78	set all sail
1	4								
2	4		"	"					Noon Mod & WNW to NW
3	4		NE½N	NW					all sail set.
4	4								
5	4								Pumps lights & lookout
6	4								
7	2								attd to.
8	5								
9	5		NE	NW					
10	5								
11	5								
12	5		"	"				29.76	85 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 40 E	83	64.0	53.4	23-26	23-26	14°W	0-8	27.32	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 8 day of May 1909
1	5		NE by N¾N	NW				29.76	Moderate NW to West. to
2	5								WSW.
3	5			WNW					Moderate NE sea
4	5								
5	5								all sail set.
6	5								
7	5								Employed cleaning
8	5								ship
9	5								
10	6								
11	6								
12	6		NE by N¾N	West.				29.80	
1	6								Pumps lights & lookout
2	6								
3	6								attd to
4	6								
5	6								
6	6								
7	6								86 days out.
8	6			WSW					
9	6								
10	6								
11	6								
12	6		NE by N¾N	WNW				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 31 E	135	116	69.1	21.30	21.30	14°W	74	26.18	—

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 9 day of May 1909
1	3		North ¼E	WSW				29.80	Fine & clear.
2	3								Very light. WSW. to SW
3	3								latter SW to WNW.
4	3								
5	3								all sail set.
6	3								
7	3								
8	3			SW					
9	3								
10	3								
11	3								Pumps lights & lookout
12	3		North ¼E	"				29.84	
1	3								attd to.
2	3								
3	3								
4	3								
5	3			WSW					
6	3								
7	3								87 days out.
8	3								
9	3			West.					
10	3								
11	2								
12	2		North ¼E	WNW				29.88	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N — 5° E	71	70	6.6	20.20	20.20	14 W	7	26.11	26.11

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 10 day of May 1909
1	3		North	WNW				29.88	Fine & clear
2	3								
3	3								Very light. WSW to West
4	3								and back to WNW
5	3								
6	3								all sail set.
7	3								
8	3								
9	4								Employed Laying down
10	4								
11	4								
12	3		North	WNW				29.88	
1	3								
2	3								Pumps lights & lookout
3	3								
4	3								attd to.
5	3								
6	3								
7	3								Tanks.
8	3								1 — 3-3 Fresh Water
9	3								2 - 1-5 from Top.
10	3								3 - 15-8
11	3								
12	3		North	WNW				29.88	88 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N —	75	75	—	19-05	19.05	14 W	26-11		

Journal from Honolulu T. I. towards Chila. Ca.

Tuesday 11 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		NNE	WNW	WNW			29.88	Fine & clear.
2	3								Very light airs & calms
3	3								West to NW
4	3								all sail set.
5	3								
6	3			WSW					Paving ship
7	2								
8	2								
9	2								
10	2								
11	2								
12	2		NNE	West.				29.90	A very large SW sea for the last 2 days)
1	2								Cramps lights & lookout
2	2								attd to.
3	2								
4	2								89 days out.
5	2								
6	2								Flour 11 Bbls used since leaving
7	2								Bread 6 "
8	2								Beef 8 "
9	2								Pork 3 "
10	2								
11	2								
12	2		NNE	NW				29.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 24° E	54	49	22.8	18-165	18-1.65	15° W	24	25-47	25-47

Wednesday 12 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	1		N by W	ENE				29.90	Fine & clear
2	1								Calm. & very light.
3	1								NE by E airs
4	1								
5	1								Var. employed cleaning
6	1								ship
7	1								Big SW swell
8	1								
9	1								Cramps lights & lookout
10	1								attd
11	1								
12	1		N by W	NE by E				29.94	Carpenter cleaning out
1	2								and cement washing
2	2								after water tanks
3	2								
4	2								90 days out.
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	3								
12	3		N by W	N E by E				29.96	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11° W	38	37	7.4	17·39	17·39	14° W	8	25-55	

Journal from Honolulu H. I. towards Chila. Ca.

Thursday 13 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		NNW	NEbyE				29.96	
2	2		"	"					Overcast & light rain from Noon
3	2		"	"					to 2 am
4	2		"	"					From 7 to 9.30 PM. wind North
5	2		"	"					hauling back to NEbyE
6	2		"	"					at 9.30 PM.
7	2		WbyN	North					Day break. fresh. NEbyE
8	2		"	"					think it is the trades at last.
9	2		"	"					
10	2		NbyW	NEbyE					Crew var. employed
11	2			"					cleaning ship
12	2		"	"				29.94	a little SW swell still
1	4		"	"					left.
2	4		"	"					Cramps lights & lookout
3	4		"	"					attd to.
4	4		"	"					
5	4		NbyW½W	"					
6	4		"	"					91 days out.
7	4		"	"					
8	4		"	"					
9	4		NNW	"					
10	5		"	"					
11	5		"	"					
12	5		"	"				29.92	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° W	75	69	29.6	16-30	16-30	13° W	30	26-26	26-26

Friday 14 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		NNW by W½W	ENE				29.92	
2	3								Fine & clear.
3	4								Very light. ENE to East.
4	4								
5	4								all sail set.
6	4								
7	4								
8	4								Started painting.
9	4								
10	4								Still have SW swell
11	4								
12	4		NW by W½W	ENE				29.94	Cramps lights & lookout
1	4								attd to.
2	4								
3	4								
4	4								
5	4								11 Bbl,
6	4								3 Sacks Flour.
7	4								Bread 6
8	4								Beef 8
9	4								Pork 3
10	4								
11	4								
12	4		NW by W½W	ENE				29.92	92 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 28 W	94	83.1	44.3	15-07	15-07	13° W	46	27-12	

Journal from Honolulu H. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 15 day of May 1909
1	4		N Wby N ½ N	E N E				29.92	Fine + clear
2	4								
3	4								Very light. E N E to E S E
4	4								all sail set.
5	4								
6	4								Painting.
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		N Wby ½ N	East				29.90	Still have S W swell
1	4								
2	4								
3	4								
4	4			E S E					Cumps lights + lookout
5	4								attd
6	4								
7	4			E by S					93 days out
8	5								
9	5								
10	5								
11	5								
12	5		N Wby N ½ N	E N E				29.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	101	90	46.6	13-37	13-37	12° W	48	28-00	28-00

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 16 day of May 1909
1	5		N by W 3/2 W	E N E				29.90	Fine + clear.
2	5								Moderate E N E
3	5								
4	5								all sail set.
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								Cumps light + lookout
11	5								
12	5		N by W 3/2 W	E N E				29.88	attd to
1	5								
2	5								
3	5								
4	5								
5	6								
6	6								
7	6								94 days out
8	6								
9	6								
10	6								
11	6								
12	6		N by W 3/2 W	E N E				29.88	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 19 W	128	121	41.1	11-36	11-36	12 W	42	28-42	28-42

Journal from Honolulu H. I. towards Chila. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 17 day of May 1909
1	5		N by W ½ W	E N E				29.88	Fine + clear.
2	5								
3	5								Moderate E N E
4	5								
5	6								all sail set.
6	6								
7	6								
8	6								Painting
9	6								
10	6								
11	6								
12	6		N by W ½ W	E N E				29.90	
1	6								
2	6								Cumps lights + lookout
3	6								
4	6								attd to.
5	6								
6	6								
7	6								
8	6								95 days out
9	6								
10	6								Fresh Water #1 Tank. T = 1-10 from Top
11	6								2 " M = 1-3" " "
12	6		N by W ½ W	E N E				29.90	3 " A = Cleaned 5/12/09

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	140	134	38.4	9-22	9-22	12 W	39	29-21	29-21

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 18 day of May 1909
1	6		N by W ½ W	E N E				29.90	Fine + clear moderate E N E
2	6								to E by N
3	6								
4	6								all sail set.
5	6								
6	6								
7	6								Painting
8	6								
9	6								
10	6								
11	6								
12	6		N by W ½ W	E by N				29.88	
1	6								
2	6								Cumps light + lookout
3	6								
4	6								attd to.
5	6								
6	6								
7	6								
8	6								96 days out.
9	6								
10	6								
11	6								
12	6		N by W ½ W	E by N				29.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	144	138	41.8	7-04	7-04	12 W	42	30-03	

Journal from Honolulu H. I. towards Phila. Pa.

Wensday 19 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		N N W	E by N				29.90	Fine & clear. moderate E by N to S E all sail set. Painting.
2	5								
3	5								
4	5								
5	5								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		N N W	E by N				29.88	
1	6								Pumps lights & lookout
2	6								
3	6								
4	6		N N W	E S E					Flour 11 all used to.
5	6								Flour 5 = backs.
6	6								Bread 6 =
7	6								Beef 9 = Used since leaving
8	6		N N W	S E					Pork 3 =
9	6								97 days out.
10	6								
11	6								1/2 Bbl. Salmon
12	6		N N W	S E by S				29.86	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° W	139	128	54.7	4-56	4-56	12° W	55	30-58	30-58

Thursday 20 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6 5		North	S S E				29.86	Cloudy & heavy rain during the night. Moderate S S E to S E by S all sail set.
2	6 5								
3	6 5								
4	6 5								
5	6 5								
6	6 5								
7	6 5								
8	6 5		North	S S E					Variously employed
9	5 X								
10	5								
11	5								
12	5		North	S S E				29.88	
1	5		N by W 1/2 W	"					Pumps lights & lookout
2	5								attd to.
3	5								
4	5								
5	5								
6	5								
7	5								
8	5		N W by N 1/2 N	S E by S					98 days out
9	5 4								
10	5 4								
11	5 4								
12	5 4		N W by N 1/2 N	S E by S				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 17° W	~~118~~ 116	~~112~~ 112	37.2	~~3-06~~ 2-54	~~3-06~~ 2-54	12° W	37	31-35	—

Journal from Honolulu H. I. towards Phila. Pa.

Friday 21st day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N N W	E by S				29.84	Light. S S E to S E and light rain showers
2	4								
3	4								
4	4								
5	4								Spoke S.S. Beacon Range of London at. 2.30 P.M. & during night sighted 5 steamers
6	4			S S E					
7	4								
8	4								
9	4								
10	4								
11	4								
12	5		N N W	"				29.86	Variously employed chipping & cleaning out half deck
1	4								
2	4								
3	4								Pumps lights & lookout
4	4								attd to.
5	4								
6	4								
7	4								
8	4			S E					99 days out
9	4			"					
10	4			"					
11	4								
12	4		N N W	S S E				29.88	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° W	97	89	37	1-37 S	1-37 S	12° W	37	32-12	=

Saturday 22 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N by W	S S E				29.88	Light. baffling from S S E to S E
2	4								
3	4								Heavy rain showers
4	4								filled engine boiler & started to fill after water tank
5	4								
6	4								all sail set.
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		N by W	S E				29.86	Chipping & painting star. side half deck
1	4								
2	4								
3	4								
4	5								Crossed Equator Atlantic
5	5								
6	5								100 days out
7	5								
8	5								from Honolulu
9	5								
10	5								
11	5								
12	5		N by W	S S E				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 12° W	105	103	22	0-6 N	0-6 N	12° W	22	32-34	—

Journal from Honolulu H. I. towards Phila. Pa.

Sunday 23 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	~~6~~	5	NNW½W	SSE				29.80	Cloudy & heavy rain showers
2	~~6~~	5							light. SSE to East
3	~~5~~	5							squally
4	~~5~~	5							all sail set.
5	~~5~~	5							
6	3								
7	3			SE.					Cumps lights & lookout
8	3								
9	3								
10	3								
11	3								
12	3		NNW½W	East.				29.80	
1	3								
2	3								
3	3								
4	3								
5	3			SE.					
6	3								
7	3								
8	3								101 days out.
9	3								
10	3								
11	3								
12	3		NWbyW	SSE				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N34°W	81	67	45	1-18N	1-18N	12°E	45	33-19	—

Monday 24 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		NbyW½W	SSE				29.80	Light SSE to East.
2	4								& light rain showers
3	4								latter part, clear. SE &
4	4								light.
5	4			SE					
6	4								all sail set.
7	4								
8	4								
9	4			East.					Various employed.
10	4								
11	4								
12	4		NbyW½W	SE				29.80	
1	4								Steamer passed at 2 am
2	4								going south
3	4								
4	4								
5	5								Cumps lights & lookout
6	5								allid to.
7	5								
8	5								
9	5								
10	5								102 days out
11	5								
12	5		NbyW½W	SE				29.82	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N17°W	105	101	30-5	2-59	2-59	12 W	30-5	33-49	—

Journal from Honolulu H. towards Phila. Pa.

Tuesday 25 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		NNW½W	SE					Light. baffling SE to NNE
2	2								
3	3								heavy rain throughout night.
4	3								
5	3			East					filled all fresh water
6	3								tanks.
7	3								
8	3							29.80	
9	3			NE					Employed holy stoneing Coop
10	3								
11	3								
12	3		NNW½W						
1	3			NNE					Cumps lights & lookout
2	3								
3	3								allid to.
4	3								
5	3								
6	3								
7	3			East					103 days out
8	3								
9	3								
10	3								
11	3								
12	3		NNW½W	SE					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N38°W	70	54	44.4	3-53	3-53	12°E	44	34-32	34-32

Wednesday 26 day of May 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		NW	SE					First part of this day. begins
2	3								very light SE and light rain
3	3								showers from 8-to 4 pm Calm.
4	3								5 am took a squall from NEbyN
5	2								which turns into the trades
6	2								
7	2								
8	2		NW	SE					Holy stoneing Coop.
9	2								
10	2							29.80	
11	2								
12	2								
1	2								Cumps lights & lookout
2	2								
3	2			"					allid to.
4	2		NW	"					
5	6			NEbyN					
6	6								
7	6								104 days out.
8	6								
9	7								Carried away old flying jib
10	7								
11	7								
12	7		NW	NEbyN					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N45°W	88	62	61.8	4-55	4-55	12°E	62	35-34	

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N W ½ W	N N E					Thursday 27 day of May 1909
2	4								Moderate to very light.
3	4								N N E to N E.
4	4								all sail set.
5	4								
6	4								Painting
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		N W ½ W	N N E					
1	4								Pumps lights & lookout
2	4								attd to.
3	4								
4	4			N E					
5	4								
6	4								
7	4								
8	4								105 days out
9	4								
10	4								Strong Westerly Current
11	5								
12	5		N W ½ W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 49° W.	98	64	74.7	5-59	5-59.	12° W	75	36-49	36-49

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		N N W	E by E					Friday 28 day of May 1909
2	3								Very light. E by E
3	3								to S S E.
4	3								
5	3								all sail set.
6	3								
7	3								Painting
8	3		N N W	E S E					
9	3								
10	3								Pumps lights & lookout
11	3								
12	3								attd to.
1	3								
2	3								
3	3								
4	3		N N W	S S E					
5	3								
6	3								106 days out.
7	3								
8	3								15 Miles allowed for
9	3								Westerly Current
10	3								
11	2								
12	2		N N W	S S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° W	70	64.7	26.7	7-03	7-03	12° W	27	37-31	

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N W ½ W.	North					Saturday 29 day of May 1908
2	4								Fine & clear. light to moderate
3	4								North to. N N E
4	4								
5	4								all sail set.
6	4								
7	4			N by E					Painting.
8	4								
9	4								
10	4								
11	4								
12	4		N W ½ W	N N E					
1	4								Pumps lights & lookout
2	4								attd to.
3	4								
4	4								
5	4								
6	5								107 days out.
7	5								
8	5								
9	5								
10	5								
11	5								
12	5		N W ½ W	N N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 50° W	103	66	78.4	8-09	8-09	12 W	79	38-50	38-50

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		N W by W	N N E					Sunday 30 day of May 1909
2	7								Fine & clear. moderate N N E
3	7								
4	7								to N E by N
5	7								
6	7								all sail set.
7	7								
8	7								
9	7								All well on board
10	7								
11	7								
12	7		N W by W	N E by N					Pumps lights & lookout
1	7								
2	7								attd to
3	7								
4	7								
5	7								
6	7								
7	7								108 days out
8	7								
9	7								
10	7								
11	7								
12	7		N W by W	N E by N					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56° W	168	93	139.3	9-42	9-42.	10 W	141.	41-11	41-11

Journal from Honolulu T. I. towards Chila Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 31st day of May 1909
1	7		NW by W½W	N E by N					6 Fine & clear and moderate
2	7								N E by N
3	7								all sail set
4	7								
5	7								Painting
6	7								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		NW by W½W	N E by N					6 Fresh Water used since leaving soundings of tanks from 8 to
1	8								F - 3ft-9 in
2	8								M - 1 - 5 in
3	8								a - 0 - 9 in
4	8								
5	8								Pumps lights & lookout
6	8								attd to.
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		NW by W½W	N E by N					109 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 61° W	185	89	163.3	11°-11' N	11°-11' N	10° W	166	43°-5'.7 + 43°-5'.7 W	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 1st day of June 1909
1	8		NW by W½W	N E by N					6 Fine & clear.
2	8								Moderate N E by N
3	8								to N E
4	8								
5	8								all sail set.
6	8								
7	8								Steamer passed during
8	8								night going same way
9	8								
10	8								Painting
11	8								
12	8		NW by W½W	N E by N					Pumps lights & lookout
1	8								attd to.
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		NW by W½W	N E					110 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 61° W	~~205~~ 192	95	167.0	12-47	12-47	9° W	168.3	~~46-45~~	

Journal from Honolulu T. I. towards Chila, Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wenesday 2nd day of June 1909
1	7		NW¾W	N E					6 Fine & clear.
2	7								Moderate N E.
3	7								
4	7								all sail set.
5	7								
6	7								Painting.
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		NW¾W	N E					Pumps lights & lookout
1	7								attd to.
2	7								
3	6								
4	6								
5	6								
6	6								111 days out.
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		NNW¾W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 53° W	158	95	126.1	14.22	14.22	8° W	130	48-55	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Thursday 3d day of June 1909
1	6		NW½W	N E					6 Fine & clear
2	6								
3	7								Moderate N E
4	7								
5	7								all sail set.
6	7								
7	7								
8	7								Painting
9	7								
10	7								
11	7								
12	7		NW½W	N E					Pumps lights & lookout
1	7								
2	7								attd to.
3	7								
4	7								
5	7								
6	7								
7	7								112 days out
8	7								
9	7								
10	7								
11	7								
12	7		NW½W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51° W	166	105	128.3	16-07	16-07	7 W	134	51-09	

Journal from Honolulu T. I. towards Chila. Ca.

Friday 4th day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer
1	7		NW by W ½ W	N E				
2	7							
3	7							
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7		NW by W ½ W	N E				
1	7							
2	7							
3	7							
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7		NW by W ½ W	N E				

REMARKS

Fine + clear.

Moderate + falling light.

N E

all sail set.

Painting & Scraping

Pumps lights + lookout attd to.

113 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 62° W	169	79	149.2	17-26	17-26	6° W	156	53-45	53-45

Saturday 5th day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer
1	6		NW ½ W	N E				
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6		NW ½ W	N E				
1	6							
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	5							
10	5							
11	5							
12	5		NW ½ W	N E				

REMARKS

Fine + clear.

Light. N E

all sail set.

Cleaning bright work & painting.

Pumps lights + lookout attd to.

114 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 57° W	140	89	108.2	18-55	18-55	6° W	114	55-39	

Journal from Honolulu T. I. towards Chila. Ca.

Sunday 6th day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer
1	5		NW ½ W	N E				
2	5							
3	5							
4	5							
5	4							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4		NW ½ W	N E				
1	4							
2	4							
3	4							
4	4							
5	4							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4		NW ½ W	N E				

REMARKS

Fine + clear. and very light.

N E.

all sail set.

Stores used since leaving

Flour 13 Bbls

" 5 sacks

Bread 6 Bx

Beef 10 bbl.

Pork 4 "

Pumps lights + lookout attd to.

115 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51° W	100	63	77.3	19-58	19-58	5° W	82	57-01	57-01

Monday 7th day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer
1	3		N W	N E				
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	3		"					
9	3							
10	3							
11	3							
12	3		N W	E S E				
1	3							
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	3							
9	3							
10	3							
11	3							
12	3		N W	E S E				

REMARKS

Fine + clear.

Very light airs from N E to E S E

all sail set.

Cleaning bright work & Painting.

Pumps lights + lookout attd to

1st F = Tank. 3-10 from top

2. M = 1-5

3. a. = 1-10

116 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° W	72	51	50.9	20-49	20-49	4° W	54	57-55	

Journal from Honolulu H. I. towards Chile. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 8 day of 1909
1	3		N by W ½ W	E S E					Fine & clear
2	3								
3	3								Very light.
4	3								E S E
5	3								
6	3								all sail set
7	3								
8	2								
9	2								Cleaning bright work
10	2								
11	2								and painting
12	2		N by W ½ W	E S E					
1	3								
2	3								
3	3								
4	3								
5	3								Cumps lights & lookout
6	3								
7	3								attd to.
8	3								
9	3								
10	3								117 days out
11	3								
12	3		N by W ½ W	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 18° W	67	63	20.7	21-52	21-52	4° W	22	58-17	58-17

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wenesday 9 day of 1909
1	3		N W by N ½ N	E S E					Fine & clear
2	3								
3	3								Very light. baffling
4	3								from S E to East.
5	3								
6	3								all sail set.
7	3								
8	3			S E					
9	3								
10	3								Cleaning bright work.
11	3								
12	3		N W by N ½ N	S E					
1	4								
2	4								
3	4								Cumps lights & lookout
4	4			E S E					
5	4								attd to
6	4								
7	4			East.					
8	4								
9	4								
10	4								118 days out.
11	4								
12	4		N W by N ½ N	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 28° W	85	75	40.1	23-07	23-07	4° W	44	59-01	

Journal from Honolulu H. I. towards Chile. Ca.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 10 day of 1909. June
1	3		N W ½ N	E S E					
2	3								
3	3								Fine & clear.
4	3								
5	3								Very light. E S E.
6	3								
7	3								all sail set.
8	3								
9	3								
10	3								
11	3								Variously employed
12	3		N W ½ N	E S E					
1	3								
2	3								
3	4								
4	4								Cumps lights & lookout
5	4								
6	4								attd to.
7	4								
8	4								
9	4								
10	4								119 days out.
11	4								
12	4		N W ½ N	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 40° W	82	63	53.9	24.10	24.10	2° W	39	60.00	60.00

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 11th day of June 1909
1	4		N W ½ N	E S E.					
2	4								Fine & clear. first part.
3	4								
4	4								light. E S E.
5	4								
6	4								Latter part. light squalls.
7	4								
8	4								S S E. to S E.
9	4								
10	4								all sail set.
11	4								
12	4		N W ½ N	S S E					Cleaning. decks.
1	4								
2	5								
3	4								Cumps lights lookout
4	4								
5	4			S E					attd to.
6	4								
7	4								Light. N. N E sea. rolling down
8	4								
9	4								
10	4							30.10	120 days out.
11	4								
12	4		N W ½ N	S S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 39° W	97	75.0	61.5	25.25	25-25	4° W	68	61-08	

Journal from Honolulu H. I towards Phila. Pa

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 12 day of June 1909
1	3		N Nby W	S S E					Fine + clear.
2	4								Light. S S E
3	4								all sail set.
4	4								
5	4								
6	4								
7	4								
8	4								Cleaning decks.
9	4								
10	4								
11	4								
12	4		N Nby W	S S E					Crumps lights + lookout
1	4								attd to.
2	4								
3	4								
4	4								
5	4								Charlie laid up.
6	4								think it's the Cou.
7	4								
8	4								
9	4								
10	4								121 days out
11	4								
12	4		N Nby W	S S E				30.10	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 34° W	95	78	53.9	26-43	26-43	4 W	60	62-08	62-08

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 13 day of June 1909
1	4		N Nby W 1/2 W	S S E					Fine + clear
2	4								Light to moderate
3	5								S S E
4	5								
5	5								all sail set.
6	5								
7	5								
8	5								
9	5								
10	5								Crumps lights + lookout
11	5								
12	5		N Nby W 1/2 W	S S E					attd to.
1	5								
2	5								
3	5								122 days out.
4	5								
5	5								
6	5								
7	5								
8	5							30.18	
9	5								
10	5								
11	5								
12	5		N Nby W 1/2 W	S S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 29° W	118	103	58.3	28-26	28-26	4 W	66	63-14	63-14

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 14 day of June 1909
1	3		NW 1/2 N	S S E					Fine + clear.
2	3								Very light. S S E to S by E
3	3								all sail set.
4	3								
5	3								
6	3								
7	3								
8	3								Cleaning decks.
9	3								
10	3								
11	4								
12	4		NW 1/2 N	S S E					Crumps lights + lookout
1	4								attd to.
2	4								
3	4								
4	4		do	S by E					
5	4								123 days out.
6	4								
7	4								
8	4								Fresh Water
9	4							30.24	F = Tanks. 4-3 from Top
10	4								M = " 1-5
11	4								A. = " 4-3
12	4		NW 1/2 N	S by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 38° W	86	68	53.4	29-34	29-34	5° W	61	64-15	64-15

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 15 day of June 1909
1	3		W N W	S by E					Fine + clear
2	3								Very light. S by E
3	3								
4	3								all sail set.
5	3								
6	3								
7	3								
8	3								
9	3								Cleaning decks.
10	3								
11	3								
12	3		W N W	S by E					Crumps lights lookout
1	3								
2	3								attd to.
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								124 days out.
9	3								
10	3								
11	3								
12	3		W N W	S by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 67° W	71	27.2	65.6	30-01	30-01	5° W	76	65-31	

Journal from Honolulu H. I towards Phila. Pa

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		NWbyW½W	SSE					Wenesday 16 day of June 1909
2	3								Fine & clear
3	3								Very light. SSE
4	3								all sail set.
5	3								
6	3								Cleaning decks.
7	3								
8	3								
9	3								
10	3								Crumps lights & lookout.
11	3								attd to.
12	3		NWbyW½W	SSE					
1	4								
2	4								
3	4								Charlie still the
4	4								same.
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		NWbyW½W	SSE					125 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N62W	82	38	72.6	30.39	30.39	5W	84	66-55	66-55

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		NW	SSE					Thursday 17 day of June 1909
2	4								Fine & clear
3	3								Very light. SSE to South
4	3								all sail set.
5	3								
6	3								Finished cleaning decks.
7	3								& cleaning brass
8	3								
9	3								& shifted anchor davits
10	3								
11	3								Crumps lights & lookout
12	3		NW	South					attd to.
1	3								
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	4								126 days out.
9	4								
10	4								
11	4								
12	4		NW	South					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N45°W	79	55.9	55.9	31-35	31-35	5W	65	68-00	

Journal from Honolulu H. I. towards Phila. Pa.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		NW¾N	SSW.					Friday 18 day of June 1909
2	3								Fine & clear
3	3								Very light. & mod. SSW
4	3								all sail set.
5	3								
6	3								
7	3								Cleaning brass
8	3								
9	3								
10	3								
11	3								
12	4		NW¾N	SSW					Crumps lights & lookout.
1	4								
2	4								attd to.
3	4								
4	4								
5	4								
6	4								
7	4								127 days out.
8	4								
9	4								
10	4								
11	4								N Easterly current.
12	4		NW¾N	SSW					allowed.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N35W	85	69	49.2	32-44	32.44	5W	58	68.58	68.58

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		NW¼N	SSW					Saturday 19 day of June 1909
2	4								First part. light. SSW to SW
3	4								2 am wind hauling to WNW
4	3								and light Rain
5	3								3 am Calm till noon
6	3								
7	3								all sail set.
8	3								
9	3								
10	3								Variously employed
11	3								
12	3		NW¼N	SW					Crumps lights lookout
1	3								attd to.
2	3			WNW					
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								128 days out.
10	3								
11	3								
12	3		NW¼N	West					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N42°W	75	56	50.2	33-40	33-40	5W	60	69-58	

Journal from Honolulu H. I. towards Chila. Co.

Sunday 20 day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Fine & clear.
2			Calm.						
3									and Calm.
4				Calm					till 6 am
5									
6									Lights. N E. latter
7									hauling to E & E.
8									at. 5.30 am
9									
10									
11			Ditto	"					all sail set.
12									
1									
2									Cumps lights & lookout.
3									attd to.
4									
5									
6	1		N W ½ W.	N E					129 days out
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		N W ½ W	E N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 52° W	25	15	19.3	33-55	33-55	5° W	23	70-21	70-20

Monday 21 day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		N W ½ W	E N E					Fine & clear.
2	2								
3	2								Light. baffling airs
4	2			East.					from E N E. to S E
5	2								
6	2								to South. & W S W
7	2								
8	2			S E.					all sail set.
9	2								
10	2								
11	2								
12	2		N W ½ W	South					
1	2								
2	2								Bent on Cables
3	2								
4	2								
5	2			S S W					Cumps lights lookout
6	2								
7	2								attd to.
8	2								
9	2			S W					Fresh Water
10	3								No 1 - 4-7 in. from top
11	3								" 2 - 1 - 5"
12	3		N W ½ W	W S W					" 3 - 7 foot.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51° W	51	32.4	39.4	34-27	34-27	5° W	47	71-08	

Journal from Honolulu H. I. towards Chila. Co.

Tuesday 22 day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		N W by N ½ N	W S W					Fine & clear.
2	4								
3	4								Light. W S W to W by S. and
4	4								
5	4								backing again to W & W
6	4								
7	4								all sail set.
8	4								
9	4								
10	4								Cleaning paint and
11	4								
12	4		N W by N ½ N	W by S					tryed Boiler and every thing
1	4								
2	4								works O.K.
3	4								
4	5								Cumps lights & lookout
5	5								
6	5								attd to.
7	5								
8	5								
9	5								
10	5								
11	5								131 days out.
12	5		N W by N ½ N	W S W				30.16	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 29 W	105	92	50.2	35-59	35-59	5° W	62-0	72-10	72-10

Wensday 23 day of June 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		N W ½ N	W S W					Fine & clear.
2	7								
3	7								Fresh. W.S.W.
4	7								
5	8								Midnight. made light.
6	8								staysails & royals fast.
7	8								
8	8								day breaks. moderating
9	8								
10	8								made all sail
11	8								
12	8		N W ½ N	W S W					Lots of vessels in company
1	8								
2	8								Cut anchors on rail.
3	8								
4	8								Cumps lights & lookout
5	8								
6	8								attd to.
7	8								
8	8								
9	8								
10	7								132 days out.
11	7								
12	7		N W ½ N	W S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 40 W	185	141	119.0	38-20	38-20	5° W	155	74-41	

Journal from Honolulu T. I. towards Chila. Ca

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1									Thuesday	26 June
2			Took tow about breast of Kenwick Island at.						30 M	Wenesday.
3			tug Jas. McCauley.						Passed in Capes. at. 7.30 and	
4			received Pilot.							
5										
6			Light W S W wind & clear.						132	day 7 H.
7										
8										
9			Unbent all sail & gigged up all running gear							
10										
11			~~Today~~							
12			Docked ship at Sugar Refn. at. 8 PM							
1										
2										
3			Discharged all hand. except.							
4			2 mate 3 Kanakas sailmaks & Carpenter Boats.							
5										
6			Friday 25 June							
7			Day begins with light W S W.							
8										
9			and clear.							
10										
11			Stevedore rigging ship for discharging							
12			and started painting outside green.							

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
	Extra Labor.		8 men.	6 - 8 1 - 9.30 12 - 3	3.30 3.30 3.30				

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2			Saturday 26 June							
3										
4									Fine & clear light S W wind	
5										
6			Finished Painting at. Noon.							
7										
8			Extra Labor						2 Mate Sailmaker Boatswain Carpenter	
9										
10			10 men - 9-7-12						9 + Kanakas working by.	
11			1-8-12							
12										
1			Sunday 27 June							
2										
3										
4									All well onboard	
5										
6										
7			Monday 28 June							
8										
9										
10			No. 2 Hatch						Day begins fine - clear light S W.	
11									started to discharge sugar. discharged	
12									~~started to~~ about 10,200 sacks	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Jpn. Coast towards Chila.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2			Tuesday 29 June							
3										
4										
5			Day begins fine & clear. Mod. N W wind							
6										
7			No 3 Hatch Discharged about 12,000 sacks sugar							
8										
9										
10			Sick from Saturday 2nd mate left ship. this am + Boatswain.							
11			To. Tuesday 1 PM + Kanakas. left. at. noon.							
12										
1			Sent down Main Upper Gall. yard (rotten)							
2										
3			so far Sugar turning out fine.							
4										
5										
6			Wenesday 30 June 1909							
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from _____ towards _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Voyage from N.Y. to San Francisco Cal
Commanded by Captain Nickerson

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In Port. towards New York

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2			Friday 6 August 1909							
3									I Eft. Phila. in tow of M.E. Tuckerback	
4										
5									at 5 am with 6 runners + 2 mate carpenter	
6									sailmaker and a cook + 1st mate	
7										
8									8 PM passed out Breakwater	
9										
10										
11			Saturday 7th Aug							
12									Passed in Sandy Hook at 2.30 P.M	
1			Arrived New York.							
2									and docked at 5:30 P.M. Brooklyn	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2									F. 22-6 = 22-10	
3			Finished Loading ships draft.						A. 23-2	
4										
5										
6			Bound for San Francisco. Cal.							
7										
8										
9			Left. in tow. D.B. Dazell							
10										
11										
12			Left dock at 3P.M. passed out Sandy Hook							
1			at 6 P.M. made all sail							
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 22nd day of August 1909
1									
2			Left New York at 3.30		Passed Sandy Hook				takes dept. August 21st 1909
3					at 6 P.M. from thence				
4									
5									Fine & clear light & moderate
6	6		E by S½ S	N N E					
7	6								North to N N E wind
8	6								all sail set.
9	6								
10	6								
11	6								Crew all in good shape
12	6		E by S½ S	N N E					
1	6								picked watches
2	6								
3	6								Total amount sailors 19
4	6								Boys. 4
5	6								Bosns 2
6	7								Sailmaker (32) 1
7	7								Carpenter 1
8	7		E by S½ S	N N E					Cook 1
9	7								Steward 1
10	7								2nd Mate 1
11	7								1st Mate 1
12	7		E by S½ S	N N E					Captain Nickerson 1

19 Hours out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 78° E	121	36	114.1	39-53	39-54	—	149	71-31	71-31

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 23d day of Aug. 1909
1	4		E by S¼ S	N N E					
2	4								Light baffling E N E to N N E
3	4								from Noon to 1 am
4	4								1 am to 2 Calm
5	4								
6	4								2 to Noon light
7	4								W S W to West
8	4		E by S¼ S	"					
9	4								
10	3								Laid Anchors across decks
11	3								and secured them
12	3								
1	0		Calm	Calm					Variously employed
2	0		"	"					
3	3		E by S¼ S	N S W					
4	3								
5	4								Pumps lights & lookout
6	4								
7	4								attd to.
8	4								
9	4								
10	4								2nd day out.
11	4								
12	4		E by S¼ S	West					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 76° E	83	20	80.5	39-34	39-34		104	69-46	——

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 24 day of Aug. 1909
1	6		E½ S	West.					
2	6								Fine & clear throughout
3	6								entire 24 hours
4	6								
5	6								Moderate West to W N W
6	6								
7	6								Latter falling light.
8	6								
9	6								
10	6								Crew variously employed
11	6								
12	6		E½ S	West					
1	6								Pumps lights & lookout
2	6								
3	6								attd to.
4	6								
5	5								
6	5								
7	5								3d day out.
8	5								
9	5								
10	4								
11	4								
12	4		E ½ S	W N W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84 E	133	14	132.9	39-20	39-20		171	66-53	66-53

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 25 day of Aug 1909
1	4		S E by E ¾ E	N N E					
2	4								Fine & clear light N N E
3	3								
4	3								to a calm at 10 P M thence
5	3								
6	3								light S S W to & moderate
7	3								
8	3								West. breze
9	3								
10	0		S E by E ¾ E	Calm					all sail set
11	0								
12	V			S S W					
1	V								Crew variously employed
2	V								
3	V								
4	V		S E by E ¾ E	S W					
5	V								Pumps lights & lookout
6	V								
7	V								attd to.
8	V								
9	V								
10	V								4 day out.
11	3								
12	3		S E by E ¾ E	West					1 Bbl Flour 1 Bbl & Beef
									1 Bbl Beef 1 " Salmon
									1 " Pork 3 sacks Flour

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 66 E	39	14	36.4	38-52	38-52	—	70	65-45	65-45

Journal from New York towards San Francisco Cal

Thursday 26 day of August 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		E 1/2 N	West					Fine + clear moderate West all sail set. Crew variously employed North-easterly current allowed. Pumps lights + lookout attd to. 5th day out.
2	6								
3	6								
4	6								
5	7								
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		E 1/2 N	West					
1	7								
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		E 1/2 N	West					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 83 E	164	20	163.2	39-16	39-16		210	62-15	62-15

Friday 27 day of August 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		E 1/2 S	S W					Fine + clear Moderate S W wind. all sail set. Crew variously employed Pumps lights + lookout attd to. 6th day out.
2	7								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		E 1/2 S	S W					
1	8								
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8		E 1/2 S	S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84 E	190	21	188.1	38-55 N	38-55 N		242	62-15	62-15 West

Journal from New York towards San Francisco Cal

Saturday 28 day of August 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	9		E 1/4 N	S W					Fine + clear moderate S W to S S W all sail set. Crew variously employed Pumps lights + lookout attd to. Stores used since leaving Flour sacks 6 Flour Bbl 1 Bread " 1 Beef " 1 Pork " 1 7 days out.
2	9								
3	9								
4	9								
5	10								
6	10								
7	10								
8	10								
9	10			S S W					
10	10								
11	10			"					
12	10		E 1/4 N	S S W					
1	10								
2	10								
3	10								
4	10								
5	10								
6	10								
7	10								
8	10								
9	10								
10	10								
11	10								
12	10		E 1/4 N	S by W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 87° E	236	10	235.4	39-05	39-05		303	5-3°-10'	5-3°-10' West.

Sunday 29 day of August 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	10		E 1/4 S	S by W					Fine + clear Moderate to light S by W to S S W all sail set. All well on board Pumps lights + lookout attd to. 8th day out
2	10								
3	10								
4	10								
5	10								
6	10								
7	10								
8	9								
9	9								
10	8								
11	8								
12	8		E 1/4 S	S by W					
1	7								
2	7								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		E 1/4 S	S S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 87° E	185	11	184.2	38-54 N	38-54 N		237	49-13	49-13 West

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 30th day of August 1909
1	6		E 3/4 S	S W					Fine + clear.
2	6								
3	6								Light S Westerly
4	6								
5	6								all sail set.
6	6								
7	6								Lots of lightning during night.
8	5								
9	5								
10	5								
11	5								
12	5		E 3/4 S	S W					Crew variously employed
1	5								
2	5								Fresh Water
3	5								
4	5								1 tank. F 3ft 0in from Top.
5	5								2 - M 1ft 3in
6	5								3 - A Finkl
7	5								
8	5								Cumps lights + look out
9	5								attd to.
10	5								
11	5								9th day out.
12	5		E 3/4 S	S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	127	14	126.7	38-40	38-40		163	41-30	46-30

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 31st day of Aug 1909
1	3		E 1/2 N	S W					Fine + clear
2	3								
3	3								Light baffling airs
4	3								
5	3								from S W & North
6	3								
7	3			W S W					all sail set.
8	3								
9	3								Crew variously employed
10	3								
11	3								
12	3		E 1/2 N	West.					
1	3								
2	3								Cumps lights + lookout
3	2								
4	2								attd to.
5	2								
6	2								
7	2			W N W					10 days out.
8	2								
9	2								
10	2								
11	2								
12	2		E 1/2 N	North					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 84° E	62	6	62.9	38-46	38-46		87	45-20	45-10 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wensday 1st day of September 1909
1	3		E by S						Fine + clear
2	3								
3	3								Light baffling airs
4	3								all round Compass and calm
5	3								
6	3			All					all sail set
7	2								
8	1			round					
9	1								Crew variously employed
10	1								
11	0			Compass					
12	0		E by S						
1	0								Cumps lights + lookout
2	0								
3	0								attd to.
4	0								
5	0								
6	1								
7	2								
8	2								11 days out
9	2								
10	2								
11	2								
12	2		E by S						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 80° E	36	6	35.6	38-40	38-40	2-3 W	45	44-25	44-25 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 2nd day of September 1909
1	2		S by W	E S E					Fine + clear
2	2								
3	2								Light airs + calms baffling
4	2								
5	2								from East to S E.
6	1								
7	1								all sail set
8	1								
9	1								
10	1								Crew variously employed
11	1								
12	1		S by W	S E by E					
1	1								
2	1								Cumps lights + lookout
3	1								
4	1								attd to.
5	1								
6	1								
7	1								
8	1								
9	1								12th day out
10	2								
11	2								
12	2		S by W	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° W	32	31	6.1	38-09	38-09		8	44-35	44-35

Journal from New York towards San Francisco Cal

Friday 3d day of September 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		SE by S ½ S	NE by E					Fine + clear
2	5								Mod baffling winds
3	5								from NE to E & E
4	5								all sail set.
5	5								
6	5								Crew variously employed
7	5								
8	5								
9	5								
10	5								
11	5								
12	5		SE by S ½ S	NE by E					Pumps lights + lookout
1	5								attd to.
2	5								
3	5								
4	5								
5	5								
6	5								
7	6								13th day out
8	6								
9	6								
10	6								
11	6								
12	6		SE by S ½ S	NE by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 31° E	126	109	63.9	36-20	36-20	.	80.	43-15	43-15 W

Saturday 4th day of September 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		S by E	NE by E					Overcast sky & squally
2	5								baffling from NE by E to
3	5								E S E.
4	5								
5	5			East					all sail set.
6	5								
7	5								Crew variously employed
8	5								
9	5			E S E					
10	5								Pumps lights + lookout
11	5								attd to.
12	5		S by E	NE by E					
1	4								
2	4								
3	4								
4	4								
5	4			E S E					14 days out
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		S by E	NE by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 12° E	108	105	22.9	34-35	34-35		28	42-47	42-47

Journal from New York towards San Francisco Cal

Sunday 5th day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		S by W ½ W						Fine + clear
2	4								
3	4			E NE					Light airs + calm.
4	4								baffling from E N E
5	4								to S E.
6	4								
7	3			to					all sail set.
8	3								
9	3			S E					
10	3								
11	3								Pumps lights + lookout
12	3		S by W ½ W	baffling					attd to
1	3								
2	3								
3	3			throughout					heavy S E swell
4	3								
5	3			the					
6	3								
7	3			24 hours.					15 days out.
8	3								
9	3								
10	3								
11	3								
12	3		S by W ½ W						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 14° W	78	76	18.0	33-26	33-26		22	43-09	43-09

Monday 6 day of September 09

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		S ½ E						Fine + clear
2	3								
3	3			E ½ E					Light baffling airs
4	3								from
5	3								E N E to E S E
6	3			to					
7	3								all sail set.
8	3			E S E					
9	3								
10	3								Crew variously employed
11	3			throughout					
12	3		S ½ E						heavy S E swell
1	3								
2	4								Pumps lights
3	4								lookout attd to.
4	4								
5	4								
6	3								16 days out.
7	3								
8	3								
9	3								Beef 2
10	3								Pork 1
11	3								Flour 1 Bbl 9 sacks
12	3								Bread 2 Bbl

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 5° E	76	76	6.7	32-30	32-30		8	43-02	43-02

Journal from New York towards San Francisco Cal

Tuesday 7 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		S 1/2 E						Fine + clear.
2	3								
3	3			All					Light baffling airs
4	3			round					from to
5	3								
6	3								
7	3								
8	3			Compass					
9	3								
10	3								Holy stoning poop
11	3								
12	3		S 1/2 E						Pumps lights + lookout
1	3								attd to.
2	3								
3	2								
4	2								
5	2								
6	2								17 days out.
7	2								
8	2								
9	2								
10	2								
11	2								
12	2		S 1/2 E						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 7° E	62	61	7.6	31.29	31.29		9	42-53	42-53 w

Wednesday 8 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	1		E by N 1/2 N						Overcast + squally.
2	1			E by E					
3	1								baffling from E by E
4	1								
5	1								
6	1			to					to S S E
7	1								
8	1								
9	1			S S E					
10	1								During one of the squalls
11	1								
12	1		E by N 1/2 N	baffling					lost mizz upper topsail
1	1								+ main upper gaf-sail
2	1			through out					
3	1								Holy stoning poop
4	1								
5	1			24 hours.					Pumps lights + lookout
6	1								
7	2								attd to.
8	2								
9	2								
10	2								
11	2								18 days out
12	2		E by N 1/2 N						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 7 4° E	30	8	28.7	31-37	31-37		33	42-20	42-20 w

Journal from New York towards San Francisco Cal.

Thursday 9 day of Sept 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		S by E	East.					Fine + clear. with occasionaly
2	3								squalls. baffling from
3	3								
4	3			E S E					East. to E S E
5	3								all sail set.
6	3								
7	3								
8	3								Crew variously employed.
9	3			E S E					
10	3								
11	3								Pumps lights + lookout
12	3		S by E	East.					attd to.
1	4								
2	4								
3	4								
4	4			E S E					
5	4								
6	4								19 days out.
7	4								
8	4			E S E					
9	4								
10	4								
11	4								
12	4		S by E	East.					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 12° E	85	83	18.9	30-14	30-14		22	41-58	41-58 w

Friday 10 day of Sept 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		South	East.					Fine + clear
2	5								
3	5								Wind baffling from
4	5								
5	5			E S E					E by S to E S E
6	5								
7	5								
8	5								
9	5								Crew var. employed
10	6								
11	6								
12	6		South	East.					Pumps lights
1	6								
2	6								lookout attd to.
3	6								
4	6								
5	6			E S E					
6	6								
7	6								20 days out.
8	6								
9	6								
10	6								
11	6								
12	6		South	East.					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S —	134	134	—	28-00	28-00		—	41-58	41-58

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 11th day of Sept. 1909
1	6		S ¾ E	E by N					
2	6								Fine + clear.
3	6								baffling wind from
4	6								E N E to E S E
5	6			E by S					
6	6								all sail set.
7	6			E S E					
8	6								
9	6								
10	6								
11	6								
12	6		S ¾ E	E east.					Crew var. employed
1	6								
2	6								
3	6								
4	6			E S E					Cmmps lights + lookout
5	6								attd to.
6	6								
7	6								
8	6			E by S					
9	6								
10	6								21 days out.
11	6								
12	7		S ¾ E	E by N					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 8° E	145	143	21.4	25.37	25.37	30° W	24	41.33	41.33

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 12th day of Sept. 1909
1	6		S by E	East					
2	6								Fine + clear with occasionly
3	6								showers.
4	6								
5	6								all sail set.
6	6								
7	6								
8	6								
9	6								
10	7								Cmmps lights + lookout
11	7								attd to.
12	7		S by E	East					
1	7								
2	7								
3	7								
4	7								
5	7								
6	7								22 days out.
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		S by E	East.					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 13° E	159	155	35.6	23-02	23-02		39	40-54	40-54

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 13th day of September 1909
1	7		S E by S ¾ S	S E by E					
2	7								Cloudy + squally
3	7								+ light rain showers.
4	7								
5	7								
6	7								all sail set.
7	7								
8	7								
9	7								
10	8								Crew variously employed
11	8								
12	8		S E by S ¾ S	S E by E					Flour. Bbl. 1 used since leaving
1	8								Flour. sacks. 12
2	8								Bread — 2
3	8								Beef — 2
4	8								Pork. — 1
5	8								
6	8								Cmmps lights + lookout
7	8								attd to.
8	8								
9	8								
10	8								
11	8								23 days out.
12	8		S E by S ¾ S	S E by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 25° E	183	165	77.9	20-17	20-17 W		84	39° 30'	39° 30' W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 14th day of September 1909
1	8		S by E	E by N					
2	8								Cloudy + overcast and squally with
3	8								rain freak to mod gale at.
4	8								9 P.M.
5	8								
6	8								9 P.M to 5 am strong gale
7	8								made all light sail fast.
8	8								and Upper. top-gallant sails
9	8								
10	8								5 am to 9 am fresh gale
11	8								made Lower. top gallant sails
12	8		S by E	E by N					Upper. top. sails + Mainsail
1	8								Close Jack fast.
2	8								
3	8								Heavy Sea running from
4	8								N E also E S E.
5	8								
6	8								Using oil
7	7								Lost. + lying fore + fore lower
8	7								gallant sail
9	7								
10	7								Cmmps lights + lookout
11	7								attd to.
12	7		S by E	E by N					24 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° E	180	177-180	35.0	17-23	—	—	37	38-53	

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wednesday 15th day of Sept. 1909
1	3		S ½ E	E by S					Cloudy + heavy rain squalls moderating from a hurricane to a moderate gale
2	3								
3	3								set. Upper top sails + lower gal sails
4	3								Cross Jack + Mainsail
5	3								
6	3								Using oil
7	3								During night. lost main
8	3								lower top-sail
9	3								
10	3								Pumps lights + lookout
11	2		S ½ E	E by S					attd to.
12	2								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								25 days out.
12	2		S ½ E	E by S					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 7° E	58	57	7.7	16-26	16-26		8	38-45	38-45

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 16th day of Sept. 1909
1	6		S ¼ W	E by S					Cloudy + light rain squalls
2	6								all sail ~~fast~~ set.
3	6								
4	6								Crew vari. employed.
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								Pumps lights + lookout
12	6		S ¼ W	E by S					attd to.
1	6								Stores used since leaving
2	6								
3	6								
4	6								1 Flour Bbl 1
5	6								Flour Sacks 12
6	6								Bread - 2
7	6								Beef - 3
8	6								Pork - 1
9	6								
10	7								
11	7								26 days out.
12	7		S ¼ W	E by S					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 4° W	148	147	10.6	13-59	13-59		11	38-56	38-56

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 17th day of Sept. 1909
1	7		S by E ¾ E	E N E					Moderate to light. E N E to E by S
2	7								
3	7								light rain squalls
4	6								
5	6								Heavy lightning
6	6			East					+ thunder
7	6								
8	6			E by S.					
9	6			E. N E					
10	6								all sail set.
11	6								
12	6		S by E ¾ E	E N E					Crew var. employed &
1	6								catching rain water
2	6			Between					
3	6			12. 12					
4	6			Baffling from					Pumps lights + lookout
5	6								attd to.
6	6			E N E to E by S					
7	6								
8	6								
9	6								27 days out.
10	6								
11	6								
12	6		S by E ¾ E	E N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 21° E	147	137	51.6	11-42	11-42		5-3	38-03	38-03

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 18th day of Sept 1909
1	6		SE by E	E N E					Cloudy & light rain showers
2	6								all sail set.
3	7								
4	7								Wind shifting from E N E
5	7								to. S W by W at. 5 P. M.
6	7			S W by W					
7	7								
8	7								Crew vari employed.
9	7								
10	7								
11	7						Higher		
12	7		SE by E	S W by W					Pumps lights + lookout
1	7						Steady		attd to.
2	7								
3	7								
4	7						Lower		
5	7								
6	7								
7	7								
8	7								28 days out.
9	7								
10	7								
11	7								
12	7		SE by E	S W by W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 57° E	~~56~~ 67	36	56	11-06	11-06		57	37-06	37-06

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 19th day of September 1909
1									
2	3		E 3/4 S	South					Cloudy with heavy rain showers throughout. these 24 hours
3	3								
4	3								
5	3								
6	3								also light. squally
7	3								
8	3								
9	3				Light &				baffling airs from S S E
10	3								
11	3				Variable				to S by W.
12	3		E 3/4 S	South					all sail set.
1	3				Current				
2	3								
3	3								Cumps lights & lookout
4	3								
5	3								attd to.
6	3								
7	3								
8	3								
9	4								29 days out.
10	4								
11	4								
12	4		E 3/4 S	South					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 82° E	77	10	77.5	10-56	10-56		79	35-47	35-47

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 20 day of Sept. 1909
1	4								
2	4		S E by E	S W.					Light. baffling airs from
3	4								
4	4								S W to W N W to N N W
5	4								
6	4								overcast sky & light rain
7	4			West.					showers
8	4								
9	4								all sail set.
10	4								
11	4								Crew variously employed
12	5		S E by E	N N W					
1	5								
2	5								
3	5								Cumps lights & lookout
4	5								
5	5			N W					attd to.
6	5								
7	5								
8	5								30 days out.
9	5								
10	5								
11	5								
12	5		S E by E	N N W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 57° E	109	59	92.6	9-57	9-57		94	34-13	34-13

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 21 day of Sept 1909
1	2		S E 1/4 E	N N W					Light. baffling airs from
2	2								
3	2								N N W to N E to S E to
4	2								
5	2			North					S W.
6	2								Clear & fine weather
7	2								
8	2			N N E					all sail set.
9	2								
10	2								Crew variously employed
11	2								
12	2		S E 1/4 E	N N E					Cumps lights & lookout
1	2								
2	2								attd to.
3	2			E N E					
4	2								Stores used since leaving
5	2								
6	2			E S E					T. pork sacks 15
7	2								T. bone Bbl. 1
8	2			South					Bread 2
9	3								Beef 3
10	3								Pork. 2
11	3								
12	3		S E 1/4 E	S. W.					31 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 48° E	52	35	38.4	9.22	9.22		39	33-34	33-34

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wenday 22 day of Sept. 1909
1	3		E by S 1/2 S	S W					Fine & clear. light baffling
2	3								
3	3								from S by W to S W
4	3								
5	3								all sail set.
6	3			S by W					
7	3								Crew variously employed
8	3								
9	3								
10	4								Cumps lights & lookout
11	4								
12	4		E by S 1/2 S	S W					attd to.
1	4								
2	4								
3	4								
4	4								32 days out.
5	4			S S W					
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		E by S 1/2 S	S W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 74 1/2 E	87	23	84.0	8-59	8-59		85	31-54	31-54

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Thursday 23 day of Sept 1909
1	3		E by S 3/4 S	S W					Fine + light baffling airs
2	3								from S W & N W
3	3								all sail set.
4	3								
5	3								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		E by S 3/4 S	S W					
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		E by S 3/4 S	West.					

I after part heavy rain showers filling water tanks

Pumps lights + lookout attd to.

33 days out.

Strong Easterly current felt.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 70° E	91	30	86.9	8.29	8.29		88	30.26	30.26

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Friday 24 day of Sept. 1909
1	2		S E 1/2 E	S W					Light baffling airs
2	2								from S W to N W by
3	2								N E & East
4	2								fine + clear with
5	2			N W					all sail set.
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3		S E 1/2 E	North					
1	3								
2	3								
3	3								
4	3								
5	3								
6	3			N E					
7	3								
8	3								
9	3								
10	3								
11	3								
12	3		S E 1/2 E	East.					

Crew variously employed

Pumps lights + lookout attd to

34 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 49° E	67	44	50.5	7-45	7-45		51	29-35	29-35

Journal from New York. towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 25 day of Sept. 1909
1	3		S E by S 1/2 S	East.					Fine + clear with occasionally
2	3								squalls.
3	3								Baffling wind from
4	3								E N E to S E by E
5	3								
6	3								all sail set.
7	3								
8	3								
9	3								
10	3								Crew variously employed
11	3								
12	3		S E by S 1/2 S	E N E					
1	3								
2	3								Stores used since leaving
3	2								
4	2								Flour sacks 15
5	2								Flour Bbl. 1
6	2								Bread " 2
7	2								Beef " 4
8	2								Pork " 2
9	2								
10	2								Pumps lights + lookout
11	2								attd to.
12	2		S E by S 1/2 S	East.					35 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 27° E	58	51	27.3	6-54	6-54		28	29-07	——

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 26 day of Sept. 1909
1	1		S 1/2 S	South-					Light baffling airs from
2	1								S S E to S S W
3	1								
4	1								all sail set. fine + clear
5	2								
6	2								all well on board
7	2								
8	2								
9	2								
10	2								
11	2								
12	2		S 1/2 S	South					
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2		S 1/2 S	South					

Pumps lights + lookout attd to.

36 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 83° E	44	5	43.7	6.40	—		44	28.23	28.23

Journal from New York towards San Francisco Cal

Monday 27 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		E½S	SSW					Fine + clear with light baffling wind from SW to NW & NE & E & E
2	2								
3	3								
4	3								
5	3								
6	3			SW					
7	3								
8	3								
9	3								
10	3				Strong Eastedly Current				
11	3								
12	3		E½S	NW					
1	3								
2	3								
3	3								
4	3								
5	3								
6	3			North					
7	3								
8	3								
9	3								
10	3								
11	3								
12	3		E½S	ENE					

Crew variously employed
Stores used since leaving
Flour 18 sacks Beef 4
Flour 1 Bbl Pork 2
Bread 3

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	70	8	69.5	6-32	6-32		70	27-13	27-13

Tuesday 28 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	3		SE by E 3/4 E						Cloudy + heavy Thunder + lightning squalls and baffling winds first part. Latter clear + squally steady SW wind.
2	3								
3	3			E					
4	3			around					
5	3			Compass					
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3		SE by E 3/4 E						
1	3			SW					
2	3								
3	3								
4	3								
5	4								
6	4								
7	4			SW					
8	4								
9	4								
10	4								
11	4								
12	4		SE by E 3/4 E	SW					

all sail set.
Spoke Steamer going southward
Pumps lights + lookout attd to.
Filled all tanks with fresh water
38 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 64° E	80	35	72.6	5-57 N	5-57		73	26-00	26-00

Journal from New York towards San Francisco Cal

Wednesday 29 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		SE by E ½ E	SSW					Fine + clear and little squally wind SSW to SE by S
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		SE by E ½ E	SSW					
1	4								
2	45								
3	45			S by W					
4	45								
5	5			South					
6	5								
7	5		SW ½ S	SSE					
8	5								
9	5								
10	5								
11	5								
12	5		SW ½ S	SE by E					

Tacked ship at 6 am
all sail set.
Crew var. employed
Pumps lights + lookout attd to.
39 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 62° E	109	5-3	94.6	5-04	5-04	—	95	24-25	24-25

Thursday 30 day of Sept. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		SW by ½ S	SE by E					Fine + clear. Lights to moderate SE by E to SSE
2	5								
3	5								
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5		SW by S ½ S	SSE					
1	5								
2	5								
3	5								
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5		SW by S ½ S	SSE					

all sail set.
Crew variously employed
Pumps lights + lookout attd to.
40 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 30° W	119	103	59.9	3-21 N	3-21 N	—	60	25-25	25-25 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 1st day of October 1909
1	6		S W ½ W	S S E					Fine + clear wind baffling somewhat from S E by S to S by E all sail set.
2	6								
3	6								
4	6								
5	6								
6	6			S E by S					
7	6								
8	6								
9	5								
10	5								
11	5								Crew variously employed
12	5		S W ½ W	S S E					
1	5								
2	5								
3	5								
4	5				strong				Pumps lights + lookout attd to.
5	5								
6	5			S by E	Westerly				
7	5								
8	5				Current.				41 days out.
9	5								
10	5								
11	5								
12	5		S W ½ W	S by E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 51° W	128	81	98.7	2-00	2-00 N		99	27-04	27-04

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 2 day of October 1909
1	8		S W by W	S S E					Fine + clear Moderate S S E wind all sail set.
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								Crew variously employed
12	8		S W by W	S S E					
1	8								
2	8								Pumps lights + lookout attd to.
3	8								
4	8								
5	8								
6	8								
7	8								42 days out.
8	8								
9	8								
10	47								
11	7								
12	7		S W by W	S S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 56° W	189	105	157.0	0-15 N	0-15 N		157	29-41	29-41 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 3 day of October 1909
1	6		S S W	S E by E					Fine + clear. moderate S E by E to S E by E all sail set.
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								Pumps lights + lookout attd to.
12	6		S S W	S E by E					
1	6								
2	6								
3	6								
4	6								
5	7								43 days out.
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								
12	7		S S W	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 24° W	152	139	61.0	2-04 S	2-04 S		61	30-45 W	30-45 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 4 day of Oct. 1909
1	7		S 3/4 E	East					Fine + clear moderate East wind all sail set.
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								Crew variously employed
12	7		S 3/4 E	East.					Spoke U.S. bound N.W. E English.
1	7								
2	7								Stores used since leaving
3	7								Flour sacks 18
4	7								Flour Bbl. 2
5	6								Bread " 3
6	6								Beef " 5
7	6								Pork. " 2
8	6								
9	6								Pumps lights + lookout attd to.
10	6								
11	6								
12	6		S 3/4 E	East.					44 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 90° E	160	158	25	4-42 S	4-42 S		25	30-20	30-20

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		S W by S 1/2 S	E S E					Tuesday 5 day of October 1909
2	7								Fine + clear moderate
3	7								E S E.
4	7								all sail set.
5	7								
6	7								
7	7								Crew variously employed
8	7								
9	7								
10	7								
11	7								
12	7		S W by S 1/2 S	E S E					Cmps lights + lookout
1	7								attd to.
2	7								
3	7								
4	7								
5	7								
6	8								
7	8								45 days out.
8	8								
9	8								
10	8								
11	8								
12	8		S W by S 1/2 S	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 30° W	175	153	87.5	7-15 S	7-15 S		88	31-48	31-48 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S by W 1/2 W	N E					Wednesday 6 day of Oct 1909
2	6								Fine + clear
3	6								Mod to light.
4	7								N E wind
5	7								
6	7								all sail set.
7	7								
8	7								
9	7								
10	7								Crew variously employed
11	7								
12	7		S by W 1/2 W	N E					
1	7								Cmps lights + lookout
2	7								attd to
3	7								
4	7								
5	7								
6	7								
7	7								46 days out.
8	7								
9	7								
10	7								
11	7								
12	7		S by W 1/2 W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 16° W	165	159	45.4	9-54	9-54 S		46	32-34	32-34

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S by W 1/4 W	N E					Thursday 7 day of Oct. 1909
2	6								Fine + clear
3	6								Moderate N E wind
4	6								all sail set.
5	6								Crew variously employed
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								Cmps lights + lookout
12	6		S by W 1/4 W	N E					attd to.
1	6								
2	6								
3	6								
4	6								
5	6								47 days out.
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6		S by W 1/4 W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 14° W	144	139	34.4	12-13	12-13 S		35	33-09	33-09

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S by W 1/4 W	N E					Friday 8 day of Oct. 1909
2	6								Fine + clear. very light.
3	5								N E by East.
4	5								
5	5			E N E					all sail set.
6	5								
7	5								
8	5								Crew variously employed
9	5								
10	5								
11	5								
12	5		S by W 1/4 W	East.					Cmps lights + lookout
1	5								attd to.
2	5								
3	4								
4	4								
5	4								
6	4								48 days out.
7	4			E N E					
8	4								
9	4								
10	4								
11	4								
12	4		S by W 1/4 W	N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 14° W	109	105	27.3	13-58 S	13-58 S		28	33-37	33-37

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 9th day of Oct 1909
1	4		S by W ½ W	N E					Fine + clear. very light.
2	4								N E to N N E
3	4								all sail set.
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								Crew employed bending
11	4								heavy weather sails
12	4		S by W ½ W	N E					
1	4								
2	4								Pumps lights + lookout
3	5								attd to.
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								49 days out.
11	4								
12	4		S by W ½ W	N N E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 14° W	104	101	24.4	15°-39S	15-39S		25	34-02	34-02

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday, 10 day of Oct 1909
1	5		S by W ½ W	N N E					Fine + clear
2	4								light N N E to North
3	4								all sail set.
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								Crew all well
11	4								
12	4		S by W ½ W	N by E					
1	4								
2	4								Pumps lights + lookout
3	4								attd to.
4	4								
5	4								1 tank 7 ft. from Top
6	4								2 others full within 6 in.
7	4								
8	5								
9	5								
10	5								50 days out.
11	5								
12	5		S by W ½ W	N —					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 13° W	102	99	22.0	17-18	17-18S		23	34°-25	34-25

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 11 day of Oct 1909
1	2		S by W ½ W	North					Overcast and rain showers
2	2								
3	2								wind North to N W from 8 to N
4	3								to 4 am and from 4 am to.
5	3								Noon N W to S W to South to.
6	3								S S E.
7	3								Strong breeze.
8	3		S by W ½ W	North					all sail set.
9	3								
10	3			N W					
11	3								Crew variously employed
12	3		S by W ½ W	N W					
1	2								
2	2								Pumps lights + lookout
3	2								attd to.
4	3		S S E	W by N.					
5	4								
6	5								
7	6								
8	7		S E	S W					51 days out.
9	8								
10	8		E S E	South					
11	8		E by S.						
12	7		"	S S E				29.97	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 24 E	99	90	40.9	18-48	18-48		~~59~~ 43	33-42	33-42

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 12 day of Oct 1909
1	7		S W by W ½ W	S S E					Fine + clear.
2	7								light. S S E wind
3	5								all sail set.
4	5								
5	5								
6	5								
7	5								Crew variously employed
8	5								
9	5								
10	5								
11	5								Stores used since leaving
12	5		S W by W ½ W	S S E					
1	5								Flour sacks 21
2	5								Flour Bbl 2
3	5								Bread 3
4	5								Beef 6
5	5								Pork. 3
6	5								
7	5								
8	5								Crew lights + lookout
9	5								attd to.
10	5								
11	5								
12	5		S W by W ½ W	S S E					52 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 59° W	122	62	105.0	19-50	19-50		111	35-33	35-33 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	5		SW 3/4 S	S S E					Wenday 13 day of October 1909
2	5								Fine + clear.
3	5								light. S S E wind th.
4	5								E S E
5	5								all sail set.
6	5								Finished bending
7	5								all heavy weather sail
8	5			S S E					
9	5								Pumps lights + lookout
10	5								attnd th.
11	5			S E					
12	5		SW 3/4 S						53 days out.
1	4								
2	4								
3	4								
4	4			S E					
5	4								
6	4								
7	4								
8	4			E S E					
9	4								
10	4								
11	4								
12	4		SW 3/4 S	E S E					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 38° W	108	85	66.7	21-15	21-15		71	36-44	36.44

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		S by W 3/4 W	E S E					Thursday 14 day of Oct 1909
2	6								Fine + cloudy
3	6								Moderate East to North
4	6								th N N W
5	6								all sail set.
6	6								Crew variously employed
7	6			East.					
8	6								
9	6								
10	6								
11	6								
12	6		S by W 3/4 W	E N E					
1	6								
2	6								
3	6								Pumps lights + look out
4	6								attd th.
5	6			N E					
6	6								
7	6								
8	6			North					54 days out.
9	6								
10	6								
11	6								
12	7		S by W 3/4 W	N N W					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 20° W	146	136	49.1	23.31	23.31		53	37-37	37-37

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		S by W 1/2 W	North					Friday 15 day of Oct. 1909
2	7								from to. + am moderate
3	7								North to N N W.
4	7								+ am to 8 am rain + squally
5	7								N N W to W S W
6	6								8 am wind hauled to S S W
7	6								and heavy squalls
8	6								made Royals - gallant sails
9	6								and light. fore - aft sail
10	6								fast
11	6								
12	6		S by W 1/2 W	N by W					
1	6								
2	6								
3	6								Pumps lights + lookout
4	6								attd th.
5	6								
6	6								
7	6			N N W					55 days out.
8	6								
9	6			W S W					
10	6								
11	6								
12	6		S by W 1/2 W	S S W				29.92	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 15° W	149	144	38.1	25-55	25-55		72	38-09	

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	4		W by S	S S W					Saturday 16 day of Oct 1909
2	4								Fine + clear. moderating and
3	3								hauling from S S W to E S E
4	3								made all sail by daylight.
5	3								Crew variously employed
6	3								
7	3								Pumps lights + lookout
8	3								attd th.
9	3								
10	3								
11	3								
12	3		W by S	S S W					
1	3								
2	3								
3	3								56 days out.
4	3			South					
5	3								
6	3								
7	3								
8	3			S E					
9	3								
10	3								
11	3								
12	3		W by S	E S E				30.16	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 78° W	74	15	72.8	26-10	26-10	—	81	39.30	39-30 W

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 17 day of Oct. 1909
1	5		SWbyS	ESE					Fine + overcast. sky
2	5								Wind ESE to S. to NE 12-4 PM
3	6								all sail set.
4	6			NbyE					
5	6								Steady from 4 PM to Noon
6	6								
7	6								
8	6								All well on board
9	6								
10	6								
11	6								Fresh Water in tanks
12	6		SWbyS	NbyE					F 0-6 in
1	6								M 0-8 in From Top
2	6								A. 9 ft.
3	6								
4	6								Stores Used.
5	6								Flour 2½ sacks
6	6								Flour 2
7	6								Bread 4
8	6								Beef 6
9	6								Pork 3
10	6								
11	6								57 days out.
12	6		SWbyS	NbyE				29.98	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 33° W	142	119	77.5	28-09	28-09		87	40-57	40-57 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 18th day of Oct. 1909
1	6		SWbyW¼W	NNW					Overcast + misty Turning into
2	5								rain at. 8 PM wind hauled
3	5								into South made all
4	4							29.92	light sail fast and
5	4			West.					wore ship
6	4								
7	4								
8	4			South					Cut log out at Noon 21 on
9	4								
10	4								
11	4								Wind hanging South
12	4		SWbyW¼W	SbyW					to SbyW all sail set.
1	4								
2	4								
3	4								Crew variously employed
4	4								
5	4								
6	4			SbyW					Pumps lights + lookout
7	4								attd
8	4								
9	4								58 days out
10	4								
11	4								Log Noon 72
12	4		SWbyW¼W	SbyW				30.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 59° W	99	51	85.7	29-00	29-00		98	42-35	42-35

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 19th day of Oct. 1909
1			WbyS	SbyW					Overcast. and light. baffling
2									winds (doldrums)
3									
4				Calm					Large SW swell rolling up
5									
6									
7									Crew variously employed
8									
9									
10				Little					
11									
12			WbyS						Pumps lights + lookout
1									attd to.
2									
3									
4				WNW					
5									
6									59 days out.
7	34			SW					
8				SbyW					
9	Noon	1							Large SW swell
10									
11				SbyW					
12			WbyS						

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° W	34	1	34	29-01	29-01		39	43-14	43-14

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wednesday 20th day of Oct. 1909
1	5		WbyS	SSW					Cloudy + light rain + squally
2	5								made upper gal. and Royal
3	5								+ jib top sail fast.
4	5								12-noon to 8 PM
5	5								
6	5								Fine + clear and light. SSW
7	5								airs from 8 PM to.
8	4								Noon
9	4								all sail set.
10	4								
11	4								Large SW swell
12	4		WbyS	SSW					
1	4								Crew variously employed
2	4								
3	4								
4	4								
5	4								Pumps lights + lookout
6	4								attd to.
7	4								
8	4								
9	4								
10	4								60 days out
11	4								
12	4		WbyS	SSW					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° W	103	4	103.7	29-05	29-05		118	45-12	45-12 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		SW¾W	SSW					Thursday 21 day of Oct. 1909
2	2								Fine + clear.
3	2								Very light. SSW from
4	2								noon to 6 P.M. thence hauling
5	2								Eastly light airs
6	2			East.					+ Calm all sail set.
7	2								
8	2								
9	2								Crew var. employed.
10	2								
11	2								
12	2		SW¾W	ENE					Cmmp lights + lookout
1	2								attd to.
2	2								
3	3								Stores used since leaving
4	3			NE					Flour 24 sack.
5	3								Flour 2
6	3								Bread 4
7	3								Beef 7
8	3			NNE					Pork. 3
9	3								
10	3								74
11	3								61 days out.
12	3		SW¾W	NNE					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 57° W	58	34	47.2	29.39	29.395		54	46.06	46.06 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	67		SWbyS½S	NNE					Friday 22 day of Oct. 1909
2	67								
3	67								Part. cloudy
4	67								Mod. Gale NNE to NbyE
5	67								all sail set.
6	67								
7	67								Crew variously employed
8	67								
9	67								
10	67								Cmmp lights + lookout
11	67								
12	67		SWbyS½S	NbyE					attd to.
1	67								
2	67								
3	67								
4	67								
5	67								
6	67								62 days out.
7	67								
8	67								
9	67								
10	67								
11	8								
12	8		SWbyS½S	NbyE					

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 27° W	170	151	78.0	32-10	32.10		91	47.44	47-44

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		SWbyS½S	NbyE				30.10	Saturday 23 day of October 1909
2	7								Noon to 11.30 PM fine + clear
3	7								from 11.30 to 7 am overcast.
4	7								and misty clearing at.
5	7								8 am to Noon fine + clear.
6	7								moderate NNE
7	7								all sail set.
8	7								
9	7								Crew variously employed
10	7								
11	7								
12	7		SWbyS½S	NNE				29.98	Cmmp lights + lookout
1	7								attd to.
2	7								
3	7								
4	7								Stores used.
5	7								
6	7								Flour 27 sacks
7	7								Flour 2 Bbl
8	7								Bread 4
9	7								Beef 7
10	7								Pork. 3
11	8								
12	8		SWbyS½S	NNE				29.88	63 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 30° W	170	147	86.2	34-37	34-37		104	49.28	49-28 W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	9		SWbyS	NNE				29.88	Sunday 24 day of Oct. 1909
2	9								Overcast. - light fog. Noon to.
3	9								4 am wind very light. NNE
4	9								
5	3								4 am wind hauled to. NW and
6	4								Woreship - rain - 5 am wind jumped
7	2								from NW to. SbS W.
8	2								made Royals fast.
9	2								9 am wind backed into SW
10	2								woreship
11	2								
12	2		SWbyS	NNE				29.80	Cmmp lights lookout
1	3								attd to.
2	3								
3	3								
4	3			NW					
5	3			SSW				29.68	
6	3								64 days out.
7	3								
8	3			SW					
9	3								
10	3								
11	4								
12	4		SWbyS	SWbyW				29.72	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 32° W	95	80	50.3	35-58	35-58		61	50-29 W	

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 25 day of October 1909
1	4		South	S by W	log	4		29.72	Fine + hazy from noon to 9.30 PM wind fresh W by W made light sail fast.
2	4								
3	4								
4	4								
5	5								
6	5								
7	5								
8	5			West.				29.88	10 PM. to 6 am clear moderate to light. W S W to S W all sail set.
9	5								
10	5			W S W					6 am to Noon wind W N W fine + clear. Large head sea all sail set.
11	5								
12	5		South	S W					
1	5								Crew variously employed.
2	5				log	100			
3	5								
4	5			S by W				29.96	Pumps lights + lookout
5	5								attd to.
6	5			West.					
7	5								
8	5			W N W					
9	5								
10	5								
11	5								
12	5		South	N W by W	log	63		30.08	65 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S —	116	116	0.8	37.54	37.54		1	50.30	50.30

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wednesday 26 day of October 1909
1	3		S W ½ S	S W.				29.96	Fine + light baffling airs with light fog N N E
2	3								
3	3			W N W					to. W N W
4	3								
5	4								
6	4			N W					all sail set.
7	4								
8	4			N N E					Crew variously employed
9	4								
10	4								
11	4								
12	4		S W ½ S	"				29.90	Pumps lights + lookout
1	4								attd to.
2	4			N W					
3	4								
4	4								
5	4								
6	4			"					
7	4								
8	4								
9	4			"					67 days out.
10	4								
11	4			"					
12	4		S W ½ S	N W by W				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 38° W	92	72	57.4	41-19	41-19		76	53-33	53-33

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 26 day of October 1909
1	7		S W by S ½ S	N W by W				30.08	Overcast + rainy + fog.
2	7								
3	7								Fresh N W by W to light. S W.
4	7								Large mixed up sea
5	7								
6	7			W N W					Using oil
7	7								Crew variously employed
8	7								
9	7								
10	7								
11	7							30.00	
12	7		S W by S ½ S	West.					Pumps lights + lookout
1	6								attd to.
2	6								
3	6								
4	6			W N W					
5	6							29.98	
6	6								
7	6								66 days out.
8	6								
9	6			W S W					
10	6								
11	6								
12	6		S W by S ½ S	S W				29.94	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 32° W	156	133	82.0	40-07	40-07		107	52-17	52-17

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 27 day of October 1909
1	6		S S W	N W by W				29.82	Cloudy N W by W to W by N and misty
2	6								Royals fast.
3	6								Wind increasing at midnight.
4	6								Made upper gallants sails fast.
5	6								
6	6								
7	6								Crew was employed
8	6			W N W					
9	6								
10	6								
11	6								
12	6		S S W	W by N				29.72	Pumps lights + lookout
1	6								attd to.
2	6								
3	6								
4	6								
5	6								68 days out
6	6								
7	6								
8	6								
9	6								
10	7								
11	7								
12	7		S S W	W by N				29.70	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 22° W	149	138	56.3	43-37	—		77	54-50	—

Journal from New York towards San Francisco Cal

Friday 29 day of October 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	7		South	SW to W by S.				29.70	Strong S W to W by S
2	6								from Noon to 5 PM
3	6								
4	6								Fresh gale from 5 PM
5	6								to 5 AM
6	6			W by S					Furled gallantsy sail
7	6								and Jib. top & Flying jib
8	6								
9	6								
10	6								
11	6								
12	6		South	W by S				29.60	set all sail at 8 PM
1	6								moderate W by S.
2	6								
3	6								Cumps lights & lookout
4	6								attnd to.
5	6							29.50	
6	6								
7	6								Stows used rainee leaving
8	6							29.48	Flour 30 sacks
9	6								Flour 2 Bbl
10	6								Bread 4 "
11	6								Beef 8 "
12	6		South	W by S.				29.52	Pork 3 "
									69 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 2° W	145	145	3.6	46-02	46-02		5	54-55	54-55

Saturday 30 day of October 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	6		W S W					29.58	Fresh S W by W to S S W
2	6			Baffling					
3	6								Baffling throughout. at times
4	6								
5	3								Woe-ship 4 times
6	3								
7	3								Moderating towards noon
8	3			From					
9	3								
10	3								
11	3			S S W				29.58	
12	3		W S W						Cumps lights & lookout
1	3								attnd to.
2	3			S					
3	3								
4	3								
5	3								70 days out.
6	3							29.66	
7	3								Rolling heavily
8	3								Using oil
9	3								
10	3								
11	3								
12	3		W S W					29.74	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 66° W	76	30	69.5	46-32	46-32		100	56-35	

Journal from New York towards San Francisco Cal

Sunday 31 day of October 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	.		S W ¾ W						
2									Cloudy & overcast. equally.
3									
4									Wind strong from W & W.
5				B					from Noon to 5 PM
6				q					hauling to S S W
7				flying					to 5 AM then hauling
8									and freezing up made
9				from					lower sail & Mainsail & Jacks
10									fast. hauling to W S W
11				W S W					to 8 AM then hauling
12			S W ¾ W						to S by W to Noon
1				to					
2									
3				S by W					Cumps lights & lookout
4									attnd to.
5									
6									
7	3								71 days out.
8									
9									Rolling heavily
10									
11									Using oil
12			S W ¾ W					29.72	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 54° W	34	20	27.8	46-52	46-52		42	57-17	57-17

Monday 1 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1	2		West.	South				29.72	Fresh and clear.
2	2								From Noon to 2 AM
3	2								wind South 2 AM to.
4	2								7 AM S W to. West.
5	3								7 AM to Noon W N W
6	3								light and light fog
7	3								all sail set.
8	3			S S W					
9	3								Crew var. employed
10	3								
11	3								
12	3		West.	S S W				29.78	
1	3								Cumps lights & lookout
2	3			S W by S					attnd to.
3	3								
4	3								
5	3								
6	3			W S W					
7	3								72 days out
8	3			West.					
9	3								
10	3								
11	3								
12	3		West.	W N W				29.94	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
W —	68	—	68.1	246-52	246-52		98	56-55	56-55

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 2nd day of November 1909
1	6		SW½S.	W NW				29.94	Fine and light. W NW to
2	6								NW dies to a moderate
3	6								breeze with light fog
4	6			NW					all sail set.
5	7								Smooth sea
6	7								
7	7								Pumps lights & lookout
8	7								attd to.
9	7								
10	7								
11	7								
12	7		SW½S	NW				29.89	
1	7								Stores used since leaving
2	7								Flour 33 sacks
3	7								Flour 2 Bbl
4	7								Bread 5 "
5	7								Beef 8 "
6	7			NW					Pork 3 "
7	7								Fresh Water from Top tanks
8	7								F 1-6
9	7								M 0-6
10	7			WNW by W					A. 13-0
11	7								
12	7		SW½S					29.80	73 days out.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 39° W	164	126.8	104.9	48.59	—	14° E.	153	61-28	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Wensday 3d day of Nov 1909
1	6		SW½W.	NW by W				29.80	
2	6								Overcast. no observations
3	6			NW W					Thick fog
4	6								strong NW & W to. W NW W.
5	6							29.70	all sail set.
6	6								
7	6								Crew variously employed
8	6								
9	6								
10	6								Pumps lights & lookout
11	6								attd to.
12	6		SW½W	W NW				29.60	
1	6								
2	6								
3	6			W W					74 days out.
4	6								
5	6								
6	6								
7	6							29.52	
8	6								
9	6								
10	6								
11	6								
12	5		SW½W	W NW				29.44	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S. 50° W	143	91	110.6	50.30	~~50-32~~		172	64.20.	~~64-20~~

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Thursday 4 day of Nov. 1909
1			S 3/4 E	W NW				29.44	Thick fog from noon to 2.30
2									P.M. wind W NW changing
3				SW				29.50	at 2.30 to. SSW
4									2.30 to. 10 P.M. fine + clear
5									wind W SW 10 P.M to.
6									Noon mod. breeze all sail
7									set. W by S fine + clear.
8									spoke Eng. 3 masted ship
9				WSW					bound to. Frisco.
10									
11				W by S					
12			S 3/4 E					29.72	Crew var. employed
1									
2									
3									Pumps lights lookout.
4									
5									attd to.
6									
7								29.78	
8									75 days out.
9									
10									
11									
12			S 3/4 E	W by S				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 7° E	134	132	17.9	52.42	52-42	18° E	29.0	63-51	63-51

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Friday 5 day of Nov 1909
1			S by W	W by S				29.80	
2									Fine + clear. from to.
3									8 PM lights baffling airs from W by S
4									to N with. 8 P.M. to. 8 AM
5				W, NW					mod. N with and strong tide
6									rips rounded Cape St John
7								29.86	at 8.40 AM in company with
8				N with					3 masted Eng ship
9									8 AM to. from strong NW W
10									and strong tide rips
11									all sail set.
12			S by W	N with				29.82	N from Cape St John bearing
1									NW½W and Cape Bartholeva
2									bearing W by W
3									
4									Pumps lights lookout
5									attd to.
6								29.76	
7									76 days out
8									
9				NNW					
10									
11									
12			S by W	NNW				29.72	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 11° W	138	138	28.1	55-00	55-00	18° E	49	64.40	64-40

Journal from New York towards San Francisco Cal.

Saturday 6 day of Nov 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1				N N W				29.72	
2									Overcast + foggy baffling light airs + calm all around Compass
3			S ½ W						
4									
5			by S.						
6				W N W					Spoke French Barks 7 days out from Port Talbot for Valparaiso
7				S W					
8									
9				S S E					
10									Crew var employed
11									
12				S E				29.68	
1			S ½ W						Comps lights lookout
2									
3			by S.						attd to.
4				N E					
5	V								
6									
7				N —					77 days out.
8									
9			S ½ W						
10				N W					
11			by S.						
12								29.64	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 33° W	51	42	28.1	55.42	55.42	19° E	49	65.29	65.29

Sunday 7 day of Nov 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			S ½ W	N W				29.64	
2				W S W					Fine + fresh gale from W S W
3									from Noon to 6 am hauling
4									to South by W at Noon
5									Upper gallant sails set.
6									
7									
8									During night under reef main
9									top sail + fore sail
10									
11									
12			S ½ W	W by S				29.70	Comps lights + lookout
1									
2									attd to.
3									
4									Using oil
5				W N W					
6									78 days out.
7									
8				N W				29.74	
9									
10									
11									
12			S ½ W	N by W				29.70	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 5° W	62	62	5.0	56.44	56.44	—	9	65.38	65.38

Journal from New York towards San Francisco Cal.

Monday 8 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			S W	N N W				29.70	
2									Overcast and rainy wind gale
3									from N N W to W by N
4									during night under reef main
5									top sail + fore sail
6									daylight set fore and mizn
7									up. top sail fresh gale
8	8							29.60	N by W at Noon.
9				N W					
10	11								Using oil
11									Crew standing by.
12	½								
1			S W						
2								29.50	Comps lights + lookout
3									
4									attd to.
5				W N W					
6									
7								29.52	79 days out.
8									
9									Large N W swell
10									
11									
12			S W	W by N				29.60	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 46° W	88	62	63.2	57.46	57.46	21 E	113	67.31	67.31

Tuesday 9 day of Nov 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			S W ¼ W	light				29.68	
2									Fine + clear from Noon to 7 am
3				3					light N — N N W airs
4									7 am to Noon thick and rainy
5				½					South — mod — gale
6									Under reef main top sail
7	8								
8	½								Comp lights + lookout
9	11								attd to.
10									
11									Crew standing by
12			S W ¼ W	South					
1								29.58	
2									
3									80 days out
4									
5				South					Large N W swell
6									
7									Using oil
8									
9									
10									
11									
12			S W ¼ W	South				29.12	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 48° W	57	38	38.2	58.20	—		72	68.43	

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 10 day of Nov 1909
1			S by W ½ W	N N W				29.54	Overcast and rainy - fog
2									Strong gale from N N W
3									to W —
4									Under reef main top-sail
5									- fore - sail
6									Wore - ship at 4 P M
7									Pumps light look out
8	82								all h.
9									
10									
11									
12			S by W ½ W	N N W				29.42	
1									Crew standing by.
2									
3									Using oil
4									
5									81 days out.
6									
7									
8									
9			N N W	~~N N E~~					Large S W sea
10									
11				W —					
12			~~S by W ½ W~~	~~N N W~~				29.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
S 62° W	82	38.7	72.3	58-51	—		140	71-03	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 11 day of Nov. 1909
1				N N W				29.30	
2				W —					Overcast and rainy
3									Hard gale from W —
4									
5			N						Under Lower top-sails
6								29.40	
7									Crew standing by.
8									
9	1			W —					Wore - ship at. 4 P M.
10	72								
11									
12								29.54	
1			N —						Pumps lights lookout.
2									
3									all h.
4			~~N N W~~	W —					
5								29.48	
6			~~Drifting~~						82 days out.
7				W —					
8			~~Log~~ 76						Rolling heavily
9									
10								29.42	Using oil
11									
12			N —	W —				29.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N —	72	72	02.	57.35	—		04	70.59	

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 12 day of Nov 1909
1			N by E	W —				29.30	Thick + rainy with fog
2									Heavy gale W —
3									
4									
5									Under Lower Top sails
6									
7									
8								29.28	Crew standing by
9									
10									Shipping lots water
11									
12			N E by E	W —					Using oil
1									Pumps lights lookout
2	N								
3									all h.
4	1 1/2								Stores Used since leaving.
5								29.24	From 37 sacks
6									" 2 Bbls
7									Bread 6 "
8									Beef 10 "
9									Pork 4 "
10									
11									83 days out.
12			N E by E	W —				29.20	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56° E	66	31	46.6	57-04	—		71	69.34	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 13 day of Nov. 1909
1			N W by N ½ N	S W				29.20	
2									Cloudy with snow squalls
3									Gallant. sail set
4									
5									Made Isle-de-Jones Island
6									at 5 am bearing E N E 22 M
7									land in sight all day
8									Horte - Island.
9									
10	68								Crew standing by
11									
12	4		N W by N ½ N	W S W				29.44	Pumps lights lookout
1	46								
2									all h.
3									
4									
5									84 days out.
6									
7									
8									
9									
10									
11									
12			N W by N ½ N	S S W				29.56	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	68	60	30.8	56-04	56-04		5-5	70.29	70.29

Journal from New York towards San Francisco Cal

Sunday 14 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			Wby N	S S W				29.56	Overcast + fine light.
3									S S W to S.E.
4									
5									all sail set.
6									
7									All well on board
8									
9									
10									Cramps lights lookout
11									
12	1/6		W by N	South				29.72	attd to.
1									
2									
3	1/16								
4									85 days out.
5									
6									
7									
8									
9									
10									
11									
12			W by N	S E.				29.82	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 79° W	167	32.6	163.8	55-31	——		285	75-14	——

Monday 15 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N W by W ½ W	S E				29.82	Moderate wind and cloudy
3									
4									
5									86 all sail set.
6									
7	1/08								Crew var. employed
8									
9									
10	1/20								
11									Cramps lights lookout
12			N W by W ½ W	S E				29.82	attd to.
1									
2									
3									
4									
5									
6									
7									
8									
9									86 days out
10									
11									
12			N W by W ½ W	S E				29.82	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 62° W	108	51	95.2	54-40	54-40	24 E	166	78-00	78-00

Journal from New York towards San Francisco Cal

Sunday 16 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			N W by W	S E				29.82	
2									Fine + moderate S E to E and.
3									
4									all sail set.
5									Cloudy
6									
7									
8									Crew var. employed
9									
10									
11									
12			N W by W	S E				29.82	Cramps lights lookout
1									
2									attd to.
3	1/4								
4									Stores used since leaving
5	1/16								Town Bbl 2
6									" sacks 40
7									Bread 6
8				East.					Beef 11
9									Pork 4
10									
11									87 days out.
12			N N W by W	East				29.82	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56° W	134	75	110.1	53-35	53-35	25°2	183	81-03	81-03

Monday 17 day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			N W	East.				29.82	
2									Fine + moderate to light. East
3									to E S E. overcast sky.
4									all sail set.
5									
6									
7									
8									
9	1/16								
10									Crew var. employed
11									
12			N W	East.				29.78	Cramps lights lookout
1	1/16								attd to.
2									
3									
4									
5									88 days out
6									
7									
8									
9				E S E					
10									
11									
12			N W	E S E				2982	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 47° W	166	114	120.1	51-41	51-41	25-02	195	84-18	84-18 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 18 day of Nov. 1909
1			NbyW 3/4 W	E S E				29.82	Fine + clear light. to moderate
2									E S E to South
3									all sail set.
4									
5									Crew var. employed
6									
7									
8									Cramps lights lookout.
9				S E					attd to.
10									
11									
12			NbyW 3/4 W					29.94	
1	108								Sailors broke into galley
2									
3	Miles								Stores used since leaving
4									Flour 40 sacks
5				S S E					Flour 2 Bbl.
6									Bread 6 "
7									Beef 12 "
8									Pork 4 "
9									
10									
11									
12			NbyW 3/4 W	South				30.00	89 days out

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 17° W	108	102	35.4	49.59's	49.59	24 E	55	85-13	85-13

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 19 day of Nov 1909
1			NbyE 1/4 E	South				30.00	
2									Overcast and misty and equally
3									Moderate N N W
4									
5									all sail set.
6									
7									
8	85			W N W					Crew variously employed
9	3								
10									
11									Cramps lights + lookout
12	Miles		NbyE 1/4 E					30.10	attd to.
1									
2									
3				W N W					90 days out.
4									
5									
6									
7									
8									
9									
10									
11									
12			NbyE 1/4 E	W N W				30.20	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 13° E	153	149	34.1	47-30	—	22 E	51	84-22	

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 20 day of November 1909
1			NbyE	W N W				30.20	Overcast and mist + equally
2									fresh W N W to W by N
3									
4									all sail set.
5									
6									
7									Crew variously employed
8									
9									
10									Cramps lights lookout
11									attd to.
12			NbyE	W N W				30.20	
1									
2									
3	96								Stores used since leaving
4									Flour 43 sacks
5									Flour 3 Bbl
6	Miles								Bread 7 "
7								30.18	Beef 12 "
8									Pork 4 "
9				W N W					
10								30.12	91 days out.
11									Cont.
12			NbyE	W by N				30.14	Cut sailors ~~hair~~ watch on scale of Prov.

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11° E	190	186.5	34.7	44-23	—	20 E	50	83° 32'	—

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 21 25 day of November 1909
1			N 3/4 W	W by N				30.14	Cloudy to overcast.
2									Light baffling airs
3									from W by N to 6 P M
4									6 P M to 8 am South
5									8 am to 10 S S E = 10 to Noon
6				South					South
7									
8									all sail set.
9	103								
10									Cramps lights lookout
11									attd to.
12	Miles							30.20	
1									
2			N 3/4 W						92 days out.
3									
4									
5									
6									
7				S S E					
8									
9									
10									
11			N 3/4 W	South				30.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 90° W	103	100	16.8	42.43	42.43	21 E	23	83-55'	83-55' W

Journal from New York towards San Francisco Cal

Monday 22nd day of November 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N N W	South				30.30	Fine + cloudy light to
3									
4									Moderate South to S W
5									all sail set.
6									
7									Crew employed scrubbing paint
8	1/8			S S W					
9									
10									Pumps lights lookout
11	11								attnd to.
12	11		N N W	S W				30.10	
1	11								
2									
3									
4									93 days out.
5									
6									
7				S W					
8									
9									
10									
11									
12			N W by N 3/4 N	S W				30.20	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 24° W	118	107	48.3	40.56	40.56	20 E	65	85.00	85.00

Tuesday 23rd day of Nov. 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N N W	S W				30.20	Fine + cloudy
3									
4									Strong to moderate S W
5									to S S W
6									all sail set.
7									
8				S S W					
9									Employed scrubbing paint
10									
11	9								
12	9		N N W	S S W					Pumps lights lookout
1	10							30.30	attnd to.
2									
3	11								
4	11								
5									94 days out.
6									
7									
8									
9									
10									
11									
12			N N W	S S W				30.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22° W	201	189	67.7	37.47	37.47	19 E	87	86.27	

Journal from New York towards San Francisco Cal

Wensday 24th day of November 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									
2			N W by N 3/4 N	S S W				30.30	Fine and cloudy moderate
3									
4									to light. S S W to South
5									large S W as well
6									
7									shifted all fore-aft. sails
8									
9									Employed cleaning paint.
10									
11	155								
12	155		N W by N 3/4 N	South				30.30	Pumps lights lookout
1	155								attnd to.
2	Miles								
3									
4									
5									
6									
7									95 days out.
8									
9									
10									
11									
12			N W by N 3/4 N	South.				30.28	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 25° W	155	140	67.1	35.27	35.27	19 E	83	87.50	87.50 W

Thursday 25th day of November 1909

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			N by W 3/4 W	South				30.28	
2									Fine + cloudy
3				S S E					light S S E to S E.
4									
5									all sail set.
6									
7									Shifted Mainsail
8									
9									Cleaning paint
10									
11									Pumps lights + lookout
12			N by W 3/4 W	S E				30.24	attnd to.
1	137								
2	137								
3	Miles								
4									
5									96 days out.
6									
7									
8									
9									
10									
11									
12			N by W 3/4 W	S E				30.20	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 19° W	137	129	43.9	33.18	33.18	18 E	53	88.43	88.43

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Friday 26th day of November 1909
1			N by W 1/2 W	S E				30.20	Fine & cloudy to clear.
2									light S E
3									all sail set.
4									
5									Crew variously employed
6									finished washing paint
7									
8									
9									
10									
11									
12			N by W 1/2 W	S E				30.14	Cumps lights & lookout
1									attd to.
2									
3	4								Stores used since leaving
4	Hds								Flour 46 sacks
5									Flour 3 Bbl
6									Beef 13 "
7									Pork. 4 "
8									Bread 8 "
9									
10									
11									97 days out.
12			N by W 1/2 W	S E				30.10	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	109	105	30.5	31.33 S	31.33 S	18 E	36	89-19	89.19

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 27 day of Nov 1909
1			N by W 1/4 W	S S E				30.10	Fine & clear
2									Very light S S E to South
3									all sail set.
4									finished shifting sails
5									Var employed
6									
7									
8									
9									
10									
11									
12			N by W 1/4 W	South				30.10	Cumps lights lookout
1									attd to.
2	7								
3	7								98 days out
4	Hds								
5									
6									
7									
8									
9									
10									
11									
12			N by W 1/4 W	South				30.08	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob
N 14° W	77	75	18.7	30.18	30.18	16° E	22	89.41	89.41

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 28 day of Nov. 1909
1			Sam	South				30.08	Fine and cloudy to clear
2			N by W						all sail set.
3									Light to mod South to S S E
4									
5									Cumps lights lookout
6									attd to.
7									
8									
9									
10									
11									
12			N by W	S S E				30.08	
1									
2	4								
3	Hds								
4									99 days out.
5									
6	103								
7									
8									
9									
10									
11									
12			N by W	S E by S				30.10	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11° W	103	101	20.1	28-37 S	28-37 S	15° E	23	90-04	———

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 29 day of Nov 1909
1			N by W 1/2 W	E S E				30.10	Fine and clear to cloudy
2									Moderate breeze
3									all sail set.
4									
5									Caring rigging
6									
7									
8									Cumps lights + lookout
9									attd to.
10									
11									
12	7		N by W 1/2 W	E S E				30.08	
1	7								
2	11								Stores used.
3	Hds								Flour 46 sacks
4									" 3 Bbl
5									
6									Bread 8
7								30.10	Beef 14
8									Pork. 8
9									
10									100 days out.
11									
12			N by W 1/2 W	E S E				30.08	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	178	171	49.1	25-46	25-46	16° E	55	90-59	90-59

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NNWbyW½W	ESE				30.8	Tuesday 30 day of November 1909
2									Fine + clear to cloudy
3									+ squally
4									
5									all sail set
6									
7									Finished taring - and
8									blacking chain sheet.
9									and started to
10									paint yards + masts.
11	2/6								
12			NNWbyW½W	ESE				30.08	
1	1/2								Comps lights + lookout
2	1/2								attd to.
3									
4									
5									
6									
7									101 days out
8									
9									
10									
11									
12			NNWbyW½W	ESE				30.08	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 20° W	216	186	109.6	22.405	22.405	16° E	120	92.59	92.59

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW½W	ESE					Wednesday 1st day of December 09
2								30.08	
3									Fine + clear and somewhat
4									squally
5									
6									all sail set
7									
8									Painting yards + masts
9									
10									
11	2								Comps lights + lookout
12	0 4		NWbyW½W	"				30.00	
1									attd to.
2	1/2								
3	1/2								
4									
5									
6									102 days out.
7									
8									
9									
10									
11									
12			"	"				29.96	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 29° W	204	17.8.0	99.0	19.42	19.42		106	94.45	94.45

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NNWbyW½W	ESE				2996	Thursday 2 day of December 1909
2									Fine + cloudy - squally
3									Mod - brisk
4									Painting yards + masts
5									
6									and finished at 2 PM
7									
8									all sail set
9									
10									
11	1/5								Comps lights lookout
12	3		NNWbyW½W	East.				29.90	attd to.
1									
2	1/2								
3	1/2								
4									
5									
6									
7									103 days out
8									
9									
10									
11									
12			NNWbyW½W	East.				29.86	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N. 28° W	153	135	72	17.27	17.27		76	96.01	96.01

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW½W	East.				29.86	Friday 3d day of DEC 1909
2									Moderate East and a little
3									squally & cloudy
4									
5									all sail set.
6									
7									Painting ship
8									
9									
10									
11	3								
12			NNWbyW½W	East				29.84	Comps lights + lookout
1	1/6								attd to.
2									
3									
4									
5									
6									
7									
8									104 days out.
9									
10									
11									
12			NNWbyW½W	East				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	193	172	87.5	14.35.5	14.35.5		91	97.32	97.32

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyN½N	East				29.84	Saturday 4 day of DEC 1909
2									Fresh to very moderate
3									Cloudy & squally
4									all sail set.
5									
6									Painting ships
7									
8									
9									
10	199								
11									
12			NWbyN½N	East				29.84	
1	11 Miles				Westerly Current				Compo lights & lookout
2									
3									attd to.
4									
5									
6									
7									
8									
9									
10									105 days out.
11									
12			NWbyN½N	East.				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	199	177	90.3	11°38' S	11°38 S		93	99.05	99.05

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW½W	East.				29.84	Sunday 5 day of DEC 1909
2									Steady East and mod
3									Fine & clear.
4									
5									all sail set.
6									
7					Westerly Current				Sunday obs.
8									
9									
10	200								
11									
12	11 Miles		NWbyW½W	East.				29.84	Compo lights & lookout
1									
2									attd to.
3									
4									
5									
6									
7									
8									
9									
10									106 days out.
11									
12			NW by W½W	East				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 28° W	200	176	94.5	8-42 S	8-42 S		96	100-41	100-41

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyN½N	East.				29.84	Monday 6 day of DEC 1909
2									Cloudy but fine & moderate
3									to light breeze
4									all sail set.
5									
6									Painting ship
7									
8									
9									
10									
11									
12	192		NWbyN½N	East.				29.84	Compo lights & lookout
1									
2					Westerly Current				attd to.
3	11 Miles								
4									
5									107 days out.
6									Stores used since leaving
7									Flour 49 sacks
8									" 3 Bbl
9									Bread 8 "
10									Beef 15 "
11									Pork 6 "
12			NWbyN½N	East.				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	192	172	85.4	5-50 S	5°50'S		86	102°08' W	102°08' W

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW¾W	East.				29.84	Tuesday 7 day of DEC 1909
2									Fine & clear.
3									Moderate & light. East.
4									
5									all sail set.
6									
7					Westerly current				Painting ship
8									
9									Compo lights & lookout
10									
11									attd to.
12			NWbyW¾W	East				29.84	
1									
2	164								
3									
4	4 Miles								108 days out.
5									
6									
7									
8									
9									
10									
11									
12			NWbyW¾W	East				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 25° W	164	148	69.8	3-22	3-22 S		90	103-17	103-17

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wenday 8th day of Dec 1909
1			N by W ½ W	East.				29.80	Fine + very clear
2									Very light.
3									all sail set.
4									
5									
6									
7					Nearly				Painting ship
8									
9									
10					Current				
11									
12			N by W ¼ W	East.				29.80	Cmmpo lights + lookout
1	1/25								alld to.
2									
3	Miles								
4									
5									
6									
7									109 days out
8									
9									
10									
11									
12			N by W ¼ W	East.				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° W	125	120	34	1-22	1-22		34	103.51 W	103.57 W

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 10 day of Dec 1909
1			N by W ½ W	East.				29.78	Fine + clear.
2									Light. East. to light. S S E
3									all sail set.
4									
5									
6									Painting.
7					Nearly				
8									
9				S E					Cmmpo lights + lookout
10									
11									alld to.
12			N by W ½ W	S E	Current			29.78	
1									
2	1/35								
3									111 days out.
4									
5	11/2 Miles								
6				S S E					
7									
8									
9									
10									
11									
12			N by W ½ W	S S E				29.78	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 15° W	135	130	35	1-57 N	1-57 N		35	104.52	104.52

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 9 day of Dec 1909
1			N by W 3/4 W	East.				29.80	Fine + clear.
2									Very light. East.
3									
4									all sail set.
5									
6									Painting.
7									
8									
9					Nearly				Cmmpo lights + lookout
10									
11					Current				alld to.
12	1/4		N by W 3/4 W	East.				29.80	
1									
2	Miles								
3									
4									
5									110 days out.
6									
7									
8									
9									
10									
11									
12			N by W 3/4 W	East				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 20° W	74	69	25.0	0-135	0-135		25	104-16	104-16

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 11 day of Dec 1909
1			N by W 3/4 W	S S E				29.80	Fine + clear.
2			N N W						Mod to light. South
3									
4				South					all sail set.
5									
6									
7									Finished Painting
8									
9									
10					Nearly				Cmmpo lights + lookout
11									
12			~~N by W 3/4 W~~	South					alld to.
1	1/37		N N W					29.80	
2									
3					Current				
4	11/2 Miles								112 days out.
5									
6									
7									
8									
9									
10									
11			N N W						
12			N by W 3/4 W	South				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22° W	137	127	52.0	4.04	4.04		52	105-43	105-43

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Sunday 12 day of Dec 1909
2			N by E 1/2 E	South				29.80	Fine and clear
3									
4									Light to moderate
5									South
6									all sail set.
7					Easterly				
8									
9									All well on board
10									
11					Current.				
12			N by E 1/2 E	South				29.80	
1									Comps lights & lookouts
2	7								attd to.
3									
4	Miles								
5									
6									
7									113 days out.
8									
9									
10									
11									
12			N by E 1/2 E	South				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 14° E	70	67	17.9	5-11	5-11		18	105-25	105-25

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Monday 13 day of DEC 1909
2			N 1/2 W	South				29.80	
3									First part of the 24 hours
4				S W					fine & clear. very light.
5									South to S W.
6									
7					Easterly				latter hauling South to
8									East. to E by E
9									
10	9			S W	Current.				with light. rain showers
11									
12	Miles		N 1/2 W						Holy. stoning
1				South				29.80	Comps lights lookout
2									attd to.
3									
4									
5									
6				S E					114 days out.
7									
8									
9				East.					
10									
11									
12			N 1/2 W	E by E.				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 6° W	91	90	9.9	6-41	6-41		10	105-35	105-35

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Tuesday 14 day of Dec 1909
2			N by W 3/4 W					29.78	Fine & clear. first part.
3				South					light. variable winds.
4									
5									with light. rain showers
6				S W					
7					N by E				latter part cloudy
8									
9				S					wind variable
10					Current.				
11				South					Holy: stoning
12	44		N by W 3/4 W						
1				S				29.76	
2	11 1/2								Comps lights
3	Miles			East.					
4									look out attd
5									
6									
7									115 days out.
8									
9									
10									
11									
12			N by W 3/4 W					29.78	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 20° W	44	41	14.9	7.22	7.22		15	105-51	105-51

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1									Wensday 15 day of DEC 1909
2			N by W 3/4 W					29.74	
3									Light baffling airs from
4									
5									S E to N E with squalls
6				South					& rain
7									all sail set.
8				East.					
9									Holy stoning
10									
11				to					
12	66		N by W 3/4 W	E by E				29.74	Comps lights & lookout
1				to					attd to.
2	11 1/2			S E.					
3	Miles								116 days out.
4									stores used since leaving
5									Flour 5 1/2 sacks
6									Flour 3 bbl
7									Bread 8 "
8									Beef 15 "
9									Pork 5 "
10									
11									
12			N by W 3/4 W					29.74	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 20° W	66	62	22.6	8.24	8.24		23	106.14	106.14

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 16 day of Dec 1909
1			N W	East.				29.68	Fine & light. to moderate
2									East to E N E
3									
4									
5									
6				E N E					all sail set.
7									
8									Holy-stoning.
9									
10									
11									
12	4		N W	E N E					Cramps lights & lookout
1	3							29.68	attd to.
2	Miles								
3									
4									
5									117 days out.
6									
7									
8									
9									
10									
11									
12			N W	E N E				29.68	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° W	143	100	102.4	10.04	10.04		104	107.58	107.58

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 18 day of Dec 1909
1			N W 3/4 N	E S E				29.82	Fine & clear.
2									Light. E S E to South
3									
4									all sail set.
5									
6				S E					Holy-stoning
7									
8									
9									
10									Cramps lights lookout
11									
12	6		N W 3/4 N	S E				29.78	attd to.
1	9								
2									
3	Miles								
4									119 days out.
5									
6									
7				South					
8									
9									
10									
11									
12			N W 3/4 N	South				29.76	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 37° W	109	87	65.3	13.25	13.25		67	110.39	110.39

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 17 day of Dec 1909
1			N W 1/2 N	E N E				29.68	Fine & clear
2									Light to Moderate
3									
4									
5				East					East to E S E
6									
7									all sail set.
8									
9									Holy stoning
10									
11	4								
12	6		N W 1/2 N	E S E				29.76	Cramps lights lookout
1									attd to.
2	4								
3	Miles								118 days out.
4									
5									
6									
7									
8									
9									
10									
11									
12			N W 1/2 N	E S E				29.82	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 39° W	146	114	90.3	11.58	11.58		92	109.32	109.32

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 19 day of Dec 1909
1			N W 3/4 W	South				29.76	Fine & clear.
2									Very light baffling airs
3									
4				S W					from South to S W & N W
5									to North
6									& calms
7									
8									all sail set.
9				West.					
10									Sunday obs.
11	4								
12	7		N W 3/4 W					29.78	
1	9								Cramps lights & lookout
2	Miles			N W.					attd to.
3									
4									
5									120 days out.
6				North					
7									
8									
9									
10									
11									
12			N W 3/4 W	North				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 53° W	47	28	37.0	13.53	13.53		38	111.17	111.17 W

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NW½W					29.74	Monday 20 day of Dec 1909
2									Cloudy + rain throughout entire
3									24 hours wind
4									all around Compass
5									Double reefs
6				All					all sail set
7				around					
8									
9									Comps lights lookout
10	5½								attd to.
11									
12	4 Hrs		NW½W	6				29.74	
1				compass					Stores used sconce leaving
2									
3									Flour 62 sacks.
4									Flour 3 Bbl.
5									Bread 8 Bbl
6									Beef 16 Bbl
7									Pork 6 Bbl.
8									
9									
10									
11									121 days out.
12			NW½W					29.74	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51 W	52	32	41.7	14.27	14-27		43	112-00	112-00

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NW¾W					29.78	Tuesday 21st day of DEC 1909
2									Cloudy + rainy
3									wind all around
4									Compass.
5									
6									all sail set.
7									
8									
9									Finished Holy-stoning
10	66			All					
11									
12	4 Hrs		NW¾W	around				29.78	Comps lights + lookout
1									attd to.
2									
3				Compass					
4									
5									
6									122 days out.
7									
8									
9									
10									
11									
12			NW¾W					29.78	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56° W	66	38	54.7	15-05	15-05		60	113-00	113-00

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW½W	NE				29.78	Wednesday 22d day of Dec 1909
2									Very light. NE to Mod.
3									NNE
4									fine + clear
5									all sail set.
6									
7									
8									Crew var. employed
9				NNE					
10									
11	68								
12			NWbyW½W					29.82	Comps lights + lookout
1									attd to
2	Miles								
3									
4				NNE					
5									
6									123 days out.
7									
8									
9									
10									
11									
12			NWbyW½W	NNE				29.86	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 61° W	168	82	146.1	16-27	16-27		152	115-32	115-32

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyW					29.86	Thursday 23d day of DEC 1909
2									Fine + cloudy
3									
4				All					Very light airs all around
5									Compass
6									
7				around					all sail set.
8									
9									Crew var. employed
10									
11									
12	65		NWbyW	Compass					Comps lights + lookout
1								29.84	
2	Miles								attd to.
3									
4									
5									124 days out
6									
7									
8									
9									
10									
11									
12			NWbyW					29.88	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56 W	65	36	54.0	17-03	17-03		57	116-29	116-29

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 24 day of DEC 1909
1			NW¾W	NNE				29.88	Overcast. sky
2									Light. to Mod NE to NNE
3									all sail set.
4									Crew variously employed
5									
6				NE					Pumps lights + look out
7									attd to.
8									
9									
10									
11									
12			NW¾W					29.94	
1				NE					
2									
3									
4	14 Miles								
5									125 days out.
6				NNE					
7									
8									
9									
10									
11									
12			NW¾W	NNE				30.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 55° W	123	70	100.8	18-13	18-13 N		106	118-15	118-15

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 25 day of DEC 1909
1			NW¾W	NNE				30.00	Fine + cloudy
2									Moderate to very light.
3									NNE
4									
5									all sail set.
6									
7									
8									
9									
10									
11									
12	5 Miles		NW¾W	NNE				30.00	Xmass obs.
1	11 Miles								
2									Pumps lights + lookout
3									attd to.
4									
5									
6									
7									
8									
9									126 days out.
10									
11									
12			NW¾W	NNE				30.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 52° W	155	95	122.0	19-48	19.48		129	120-24	120-24

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 26 day of DEC 1909
1			NW¾W	NNE				30.00	Fine + very light. NNE airs
2									all sail set.
3									
4									
5									
6									
7									Sunday obs.
8									all well on board
9									
10									
11	88								
12			NW¾W	NNE				30.00	Pumps lights + lookout
1	14 Miles								attd to.
2									
3									
4									
5									
6									127 days out.
7									
8									
9									
10									
11									
12			NW¾W	NNE				30.00	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 53° W	88	52	70.5	20.40	20.40		75	121-39	121-39

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 27 day of DEC 1909
1			NW	NNE				30.00	Overcast sky and light Rain
2									Light NNE to East to SE
3									all sail set.
4									
5									Crew var. employed.
6									
7									
8									Pumps lights + lookout
9	93								attd to.
10									
11									
12	11 Miles		NW	East.				30.00	
1									
2									
3									
4									
5									
6									128 days out.
7									
8									
9									
10									
11									
12			NW	SE				29.96	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° W	93	66	65.4	21-46	21.46	10 E	70	122-49	122-49

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyN 3/4 N	SE				29.96	Tuesday 28 day of Dec 1909
2									Overcast and light to heavy rain showers
3									Wind SE to South to SW to West
4									latter part fine & clear
5									
6				SSE					Crew variously employed
7									
8									
9									Cramps lights + lookout
10									
11	1/6								attnd to.
12	6		NWbyN 3/4 N	South				29.92	
1									Stores used since leaving
2	11/16s								
3									
4									Flour 65 sacks
5				SSW					Flour 3 Bbl
6									Bread 9 Bbl
7									Beef 17 Bbl
8				SW					Pork 7 Bbl
9									
10				West.					
11									129 days out.
12			NWbyN 3/4 N	West.				2982	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 25° W	106	96	44.2	23.22	23.22	10 E	48	123.37	123-37

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyN 1/2 N	West.				29.82	Monday 29 day of DEC 1909
2									Cloudy + fine
3									Light. West & SW & South
4									all sail set.
5									
6				SW					Crew var. employed
7									
8									
9									Cramps lights + lookout
10									
11	82								attnd to
12	4		NWbyN 1/2 N	SW				29.84	
1	11/16s								
2									130 days out.
3									
4									
5									
6									
7				South					
8									
9									
10									
11									
12			NWbyN 1/2 N	South				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 29° W	82	72	39.3	24.34	24.34	10 E	43	124.20	124.20

Journal from New York towards San Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			NWbyN 3/4 N	South				29.84	Thursday 30 day of Dec 1909
2									Overcast sky with lots of rain and mist
3									
4									Light to Moderate South
5									to SSE
6									
7									all sail set.
8									
9									
10									Var. employed
11									
12	145		NWbyN 3/4 N	SSE					
1	11/16s							29.84	Cramps lights + lookout
2									attnd to.
3									
4									
5									
6									131 days out.
7									
8									
9									
10									
11									
12			NWbyN 3/4 N	SSE				29.84	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 26° W	145	131	62.0	26.45	——	11° E	69	125.29	——

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
1			N 1/2 W	SSE				29.84	Friday 31 day of DEC 1909
2									Cloudy & Moderate SSE to South
3									to WSW = Rain = squally =
4									Royals fast.
5				South					
6									Var. employed
7									
8									Cramps lights + lookout
9									
10									attnd to.
11									
12	144		N 1/2 W	SW				29.80	
1	11/16s								
2									
3									132 days out.
4									
5									
6									
7									
8									
9									
10									
11									
12			N 1/2 W	WSW				29.76	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 6° W	144	143	15.0	29.08	29-08		17	125.46	——

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Saturday 1st day of Jan 1910
1			N N E	W S W				29.76	
2									Overcast and heavy rain
3									and strong puffs of wind
4									very strong squalls!
5									
6				West.					All gallants sails fast.
7								29.70	
8									Foot of Fore-sail carried
9									away.
10									
11									
12			N N E	W N W				29.68	Large N N W swell
1									
2									Pumps lights & lookout
3	1/4								
4								29.70	attd to.
5	4 Hrs								
6									
7				N N W					133 days out
8									
9								29.76	
10									
11									
12			N N E	N W				29.80	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° E	117	107	45.9	30-55	—		53	124-53	———

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Sunday 2nd day of Jan 1910
1			N N E	N W				29.80	
2									Fresh N W to N N W
3									
4									
5									Overcast + strong squalls
6				N N W					Heavy rain
7									
8									Under Upper top-sails
9									
10									Heavy N N W swell
11	83								
12			N N E	N W				29.86	Pumps lights & lookout
1	4 Hrs								
2									attd to.
3									
4									
5									
6				N N W					134 days out.
7									
8									
9				N W					
10									
11									
12			N N E	N W				29.90	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 23° E	83	76	32.2	32-11	32-11		38	124-17	124-17

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Monday 3rd day of Jan. 1910
1			N N E	N N W				29.90	
2									Cloudy + very heavy squalls
3									with rain baffling from
4									
5									N W to North
6				N W					Large N N W swell
7									
8			N E by E						Under Up. Top sails
9									
10									Pumps lights + lookout
11									
12				N W				30.02	attd to.
1			N N E						
2									Wore ship. Jam wind hauling
3	4/4								N —
4									
5	4 Hrs		N N E	N N W					Var employed.
6			N E by E	North					
7			W —						
8									135 days out.
9									
10				/					
11									
12			West.	North				30.10	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 31° E	44	37	22.0	32-48	32-48		26	123-51	123-51

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS
									Tuesday 4th day of Jan 1909
1			W 1/2 N	North				30.10	
2									Fine + cloudy Moderate
3									
4								30.14	North to N N E
5				N N E					backing and filling
6									
7									Set Upper gd-sails
8									
9									Large N N W sea
10	84								
11								30.20	
12	4 Hrs		W 1/2 N	North					Pumps lights + lookout
1									attd to.
2									
3									
4									Variously employed
5								30.30	
6				N N E					136 days out
7									
8									
9									
10									
11									
12			W 1/2 N	North				30.38	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 44° W	84	8	83.9	32-856	32-856		100	125-31	125-31

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Wednesday 5th day of January 1910
1			NWbyW½W	N—				30.38	Cloudy + light + puffy NNE
2									all sail set.
3				NNE					
4									Var. employed.
5									and bent on Cables
6									
7									
8									
9								30.40	
10									Pumps lights + lookout
11									
12	8		NWbyW½W	NNE					attd to.
1									
2									
3	11								
4	½								137 days out.
5								30.42	
6									
7									
8									
9									
10									
11									
12			NWbyN½W	NNE				30.46	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 63° W	87	39	77.2	33-35	33-35		92	127-03	127.03

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Thursday 6th day of Jan. 1910
1			N ¾ W	NNE				30.44	Cloudy + fine
2									Light baffling airs
3									from NNE to NW
4									to SSW
5									& Calm
6									
7									
8				N					
9									
10	22								
11								30.40	Pumps lights + lookout
12	½		N ¾ W	NW					attd to.
1	½								
2									
3									
4									
5									
6									138 days out.
7								30.38	
8				WNW					
9									
10									
11									
12			N ¾ W	SSW				31.36	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 8° W	22	21	3.3	33.56	33.56		4	127.07	127.07

Journal from New York towards San Francisco Cal

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Friday 7 day of Jan. 1910
1			NE ¼ N	SSW				30.36	Cloudy + very light baffling
2									airs from S SW & N NE
3									
4									
5				W					
6									
7									Variously employed
8									
9				W NW					
10									Pumps lights + lookout
11	¼								attd to.
12	½		NE ¼ N	N W					
1	½							30.32	Stores used since leaving
2									
3									
4				N NW					Flour 68 sacks.
5									Flour 4 Bbl
6									Bread 9 "
7									Beef 18 "
8				N—					Pork. 7 "
9									
10									139 days out.
11									
12			NE ¼ N	NNE				30.30	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 42° E	44	33	29.0	34-29	34-29		35	126.32	126-32

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Saturday 8 day of Jan 1910
1			NWbyW ¼ W	NNE				30.30	Cloudy + light baffling airs
2									
3									NNE to E & S to SW
4				East					
5									
6									Large NW swell
7									
8									Variously employed
9	38								
10									
11	½								
12	½		NWbyW ¼ W	South				30.20	Pumps lights + lookout
1									attd to.
2									
3									
4									
5									140 days out.
6									
7				SSW					
8									
9									
10									
11									
12			NNEbyN ¼ W	SW				30.16	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 60 W	38	18	31.5	34-47	34-47		38	127-10	127-10

Journal from New York towards San Francisco

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Sunday 9 day of Jan 1910
1			N E ½ N	S W				30.16	Cloudy + light. S W to
2									
3									moderate at. 7.30 jumped
4									
5									into N W and freshening
6									
7				N W					under Top sails
8									
9									day-breaks. made sail
10				N N W					
11	9								to Upper-gal. sails
12			N E ½ N					30.10	
1	11 Hrs								Cross Jack + Mainsail
2									
3									
4									Pumps lights + lookout
5				N N W					
6									attd to.
7									
8								30.08	141 days o
9									
10									
11									
12			N E ½ N	N W				30.06	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 43 E	92	67	62.3	35-54	35-54		76	125-54	125-54

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Monday 10 day of Jan. 1910
1			N E ¼ N	N W				30.06	
2									Fine + clear
3									
4									Very light N W to S W
5									
6				S W					to S E
7									
8									
9									Latter part. Cloudy + mod
10									
11									Upper-gal-sail-set.
12	8		N E ¼ N	South				30.00	
1	¼ Hrs								Large N W swell
2									
3									Var. employed
4									
5									Pumps lights + lookouts
6									
7				S E					attd to.
8									
9									142 days out
10									
11									
12			N E ¼ N	S E				29.92	

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.
N 42 E	81	60	54.3	36-54	36-54		68	124-46	124-46

Journal from New York towards San Francisco.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS Tuesday 11 day of Jan. 1909
1									
2									
3			Wind S E and rain showers =						Made Navesink light at. 2.am bearing E by N
4			dist = 20 miles =		and took -				ting = Defiance from Frisco at. 9.30 am
5									
6			anchored in Port at. 4.20						P M. and made all sail fast.
7			and gave ship		45				fths chain in 14 fths water
8									
9			Pick - anchor weather						
10									
11			Riding light attd to. also ships duties						
12									
1			- So ends the passage of 143 days from						
2									
3									New York.
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS day of
1									
2									In Port of San Francisco.
3									
4									January 12th 1910.
5									
6									
7			Crew - by the ships. Ambert Main sail + Cross Jack						
8			and spanker						
9									
10			Moderate North-E N E wind - Hazy						
11									
12	Thursday		Jan 13th 1910						
1									
2			First part of this day light East. latter part.						
3									
4			S E to South and very strong breze gave ships						
5			70 fths. chain						
6									
7			Carpenter - Sailmaker Boatswain + 1 man = 4 boys. cook + steward						
8			stayd by the ship.						
9									
10									
11									
12									

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from In. Port towards San. Francisco Cal.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1	6	Friday	Jan 14/10							
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from towards

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer Air	Thermometer Water	Barometer	REMARKS	day of
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal *from* _____ *towards* _____

H	K	F	COURSES	WINDS	LEEWAY	Thermometer		Barometer	REMARKS	day of
						Air	Water			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
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9										
10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

H	K	F	COURSES	WINDS	LEEWAY	Thermometer		Barometer	REMARKS	day of
						Air	Water			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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10										
11										
12										

Course	Distance	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. in	Lon. by Ob.

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